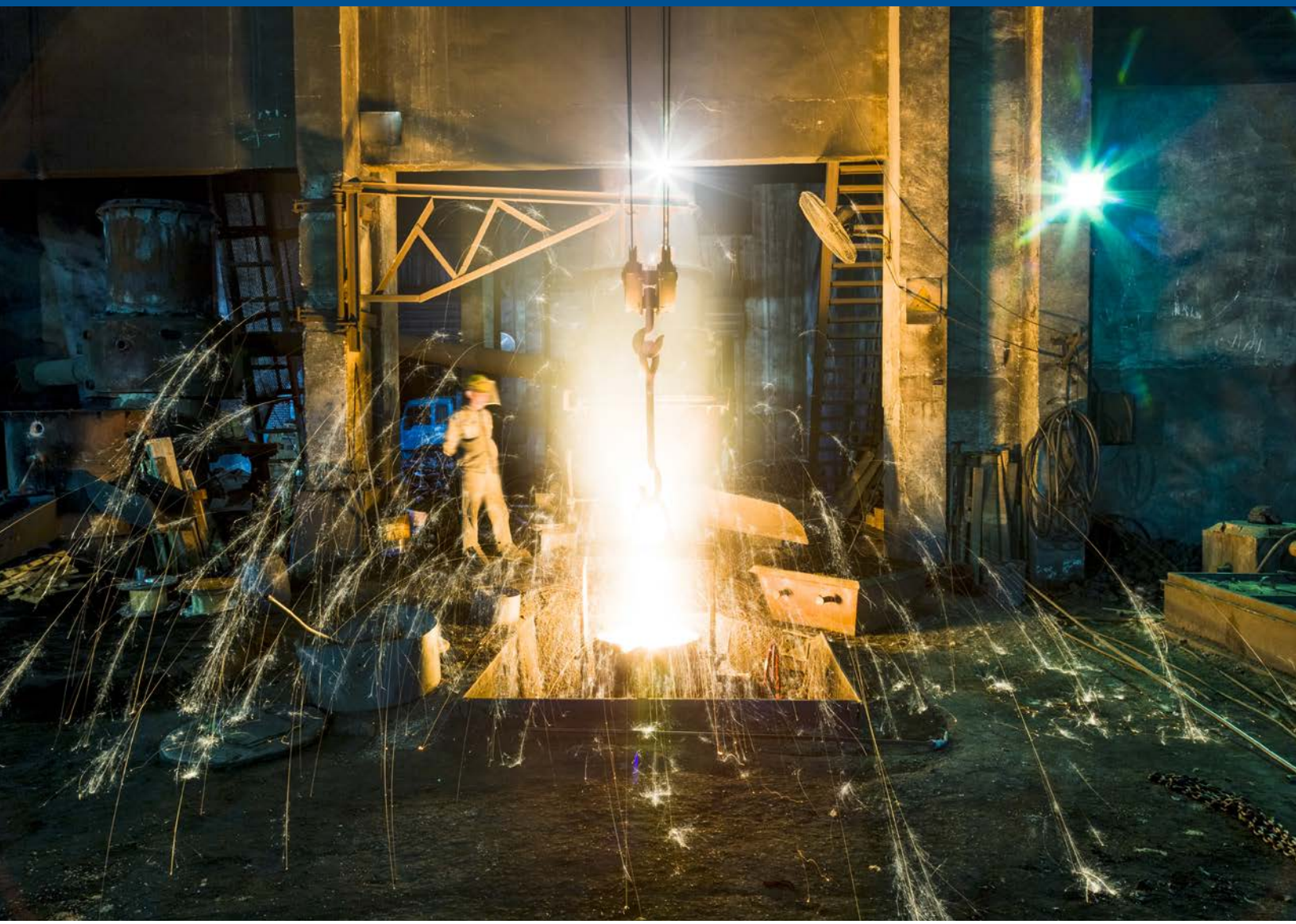
Rig-A-Lite



2016 Full-Line Product Catalog

AZZ™

Purpose-built products designed for the most demanding environments

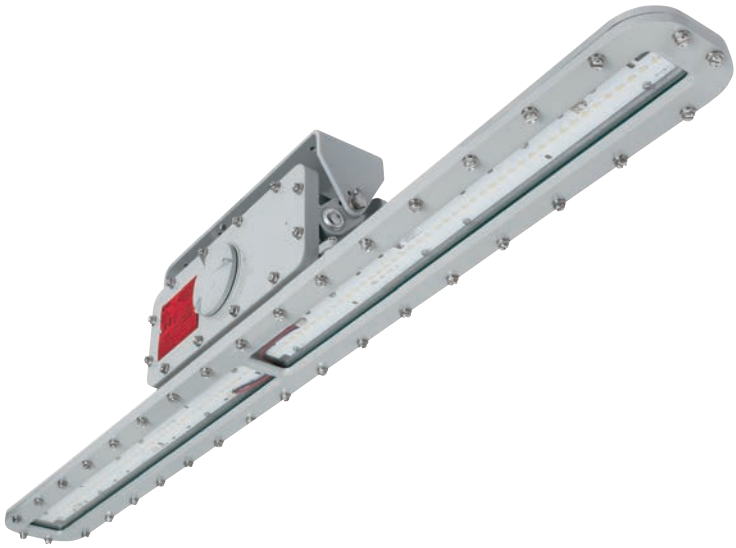
Driving winds, extreme temperatures, volatile chemicals and explosive gasses–needless to say, the hazardous and severe environments of offshore rigs, chemical plants, wastewater treatment facilities and food processing centers are no place for ordinary lighting. Fortunately, as a leader in severe duty lighting components, AZZ pioneers rugged illumination solutions built to withstand the harshest conditions.

Established in 1938 to support the demanding requirements of the drilling industry, Rig-A-Lite quickly earned a reputation for quality, dependability and performance. As AZZ, our focus has expanded to providing long-lasting, purpose-built products to a vast array of industries, but our steadfast commitment remains to provide knowledgeable and responsive service, product accessibility and rapid order fulfillment.

With a full complement of LED and traditional solutions, AZZ can provide a comprehensive lighting package for explosionproof, hazardous location, wet and damp location, marine listed and high-pressure hose down environments.

AZZ's LED designs provide the unique benefit of field-replaceable circuit boards and drivers. With a high degree of serviceability, individual components can be replaced as needed, maximizing service life while lowering total cost of ownership.

Our application-proven line of traditional products maintain the heavy-duty designs and rugged materials that first established AZZ as an industry leader.



Safe, reliable lighting from a partner with almost 80 years' experience.

LED product selection guide

Click Model Number to View Product Information

Lighting Type	Luminaire Type	Application	Model Number
LED	Linear	Hazardous Location	**MAR2 LED**
LED	Linear	Hazardous Location	**MHD2 LED**
LED	Linear	Hazardous Location	**MHDA LED**
LED	Linear	Hazardous Location	**MHDS LED**
LED	Linear	Hazardous Location	**MHL LED**
LED	Linear	Hazardous Location	**MHLS LED**
LED	Linear	Hazardous Location	**RFNK262 LED**
LED	Linear	Explosionproof	**XML LED**
LED	Linear	Explosionproof	**XP LED**
LED	Linear - Debris shedding	Food Processing	**FPF LED**
LED	Area	Hazardous Location	**SAFJ LED**
LED	Area	Hazardous Location	**SAFR LED**
LED	Area	Explosionproof	**SXPJ LED**
LED	Flood	Wet and Marine	**LFL LED**
LED	Flood	Hazardous Location	**LHFL LED**
LED	High-bay	Hazardous Location	**LHFL High-/mid-bay LED**
LED	High-bay	Hazardous Location	**WFH LED**
LED	High-bay	Heavy Hose-Down	**WFHN LED**
LED	Globe and guard	Wet and Marine	**AVP LED**
LED	Globe and guard	Hazardous Location	**AVPH LED**
LED	Globe and guard	Wet and Marine	**BVP LED**
LED	Edge-lit exit sign	Hazardous Location	**HLEX LED**
LED	Edge-lit sign	Hazardous Location	**HLS LED**
LED	Emergency light	Explosionproof	**XPEL LED**
LED	Emergency light and edge-lit sign	Explosionproof	**XPEH LED**
LED	Edge-lit exit sign	Explosionproof	**XPEX LED**
LED	Edge-lit sign	Explosionproof	**XPS**

Traditional product selection guide

Click Model Number to View Product Information

Lighting Type	Luminaire Type	Application	Model Number
Fluorescent	Linear	Hazardous Location	**MAR**
Fluorescent	Linear	Hazardous Location	**MAR2**
Fluorescent	Linear	Hazardous Location	**MHD2**
Fluorescent	Linear	Hazardous Location	**MHDA**
Fluorescent	Linear	Hazardous Location	**MHDS**
Fluorescent	Linear	Hazardous Location	**RSS**
Fluorescent	Linear	Explosionproof	**XP**
Fluorescent	Linear-Debris shedding	Explosionproof	**FPF2**
Fluorescent	High-bay	Hazardous Location	**HEF**
Fluorescent	High-bay	Hazardous Location	**RFL**
Fluorescent	High-bay	Hazardous Location	**WFH**
Fluorescent	High-bay	Wet Location	**NMF2**
Fluorescent	High-bay	Wet Location	**NMFH**
Fluorescent	High-bay	Wet Location	**WFHN**
HID	Area	Hazardous Location	**SAF**
HID	Area	Hazardous Location	**SAFJ**
HID	Area	Explosionproof	**SXP**
HID	Area	Explosionproof	**SXPJ**
HID	Flood	Hazardous Location	**AFL**
HID	Flood	Hazardous Location	**SSFN**
HID	Flood	General purpose	**EFL**
Compact Fluorescent	Area	Hazardous Location	**SAF**
Compact Fluorescent	Area	Explosionproof	**SXPJ**
Compact Fluorescent	Globe and guard	Hazardous Location	**CVP**
Compact Fluorescent	Globe and guard	Wet and Marine	**AVP**
Compact Fluorescent	Globe and guard	Wet and Marine	**BVP**
Compact Fluorescent	Berth	Marine inside-type	**RBL**
Compact Fluorescent	Mirror	Marine inside-type	**RML**

MAR2 LED

Linear LED Lighting for Hazardous Locations

- Class I, Division 2, Groups A, B, C & D
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- CSA C22.2 #250.0-08
- CSA C22.2 #137-M1981
- NEMA 4X
- IP66
- 55°C Ambient Temperature
- Tested to LM 79 & LM 80



MAR2 LED

Intertek Intertek

AZZ™

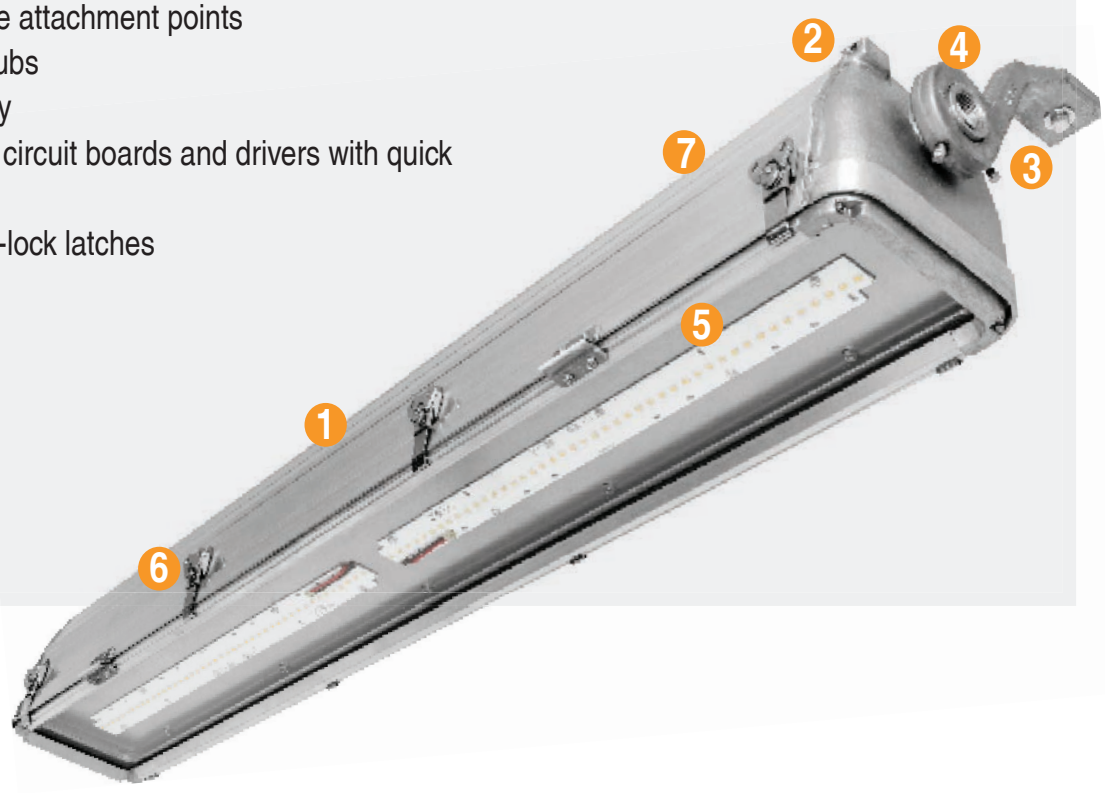
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MAR2 LED

Linear LED Lighting for Hazardous Locations

Key Features:

1. Heavy-duty .094” thick extruded housing
2. Permanent safety cable attachment points
3. Two ¾” NPT conduit hubs
4. 360° mounting flexibility
5. Field-replaceable LED circuit boards and drivers with quick disconnects
6. Toolless entry via twist-lock latches
7. Watershed design



Additional Features:

- Offset mounting bracket enables flush mounting
- Dimmable driver
- Optional pre-wired feed-through
- Low-profile design
- 4 kV surge protection (10kV option available)
- 5-year warranty

Standard Materials:

- Body: 5052-H32 Aluminum (less than .4% copper content)
- Gasket: One-piece silicone
- Lens: Acrylic
- Hubs (2): A361 Aluminum (less than .4% copper content)
- Latches: Stainless steel
- Hardware: Stainless steel

Catalog Number Logic

MAR2 07 - L2 - 4 - U - XX

1 2 3 4 5 6

1 BASIC LUMINAIRE
MAR2 LED
Class I, Division 2, Groups A, B, C & D
UL 844 Hazardous Locations
UL 1598 Wet Locations
UL 1598A Marine Outside Type
UL 8750 LED
CSA C22.2 #137
CSA C22.2 #213
55°C Ambient Temperature

2 LAMP CURRENT/LAMP WATTAGE
06 = 56 Watt (2 ft.)
07 = 74 Watt (4 ft.)

3 LAMP TYPE
L2 = LED

4 NOMINAL FIXTURE LENGTH
2 = Two Foot
4 = Four Foot

5 VOLTAGE/FREQUENCY
U = 120 - 277 50/60HZ
A = 120V 60HZ[2]
B = 220 - 240V 50/60HZ[2]
C = 277V 60HZ[2]

6 OPTIONS[1]
TW = End Mounting/Thru Wire Cable Installations Only
F = Fuse Block[2]
TM = Tempered Glass
EB = Eye Bolt Only
SP = Increased Surge Protection (10 kV)
30 = 3000K CCT
35 = 3500K CCT
50 = 5000K CCT

[1]Mounting Hardware not included. Please see accessories for mounting selections.
[2]Specify voltage when option F is needed. When option F is selected, one fuse is provided for 120 and 277V. Two fuses are provided for 220-240V. Fuse option not available for marine listed fixtures, or for fixtures listed for use in Canada.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

MAR2 LED

Linear LED Lighting for Hazardous Locations

Certification Guide

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Supply Wire Suitable Temperature, °C	Hub Size
MAR206L22U	2 ft	56W	120V - 277V 50/60 Hz	5476	98	85	4062	-20°C < Tamb < 55°C	T6	90°C	3/4 in. NPT
MAR207L24U	4 ft	74W	120V - 277V 50/60 Hz	7660	103	82	4071	-20°C < Tamb < 55°C	T6	90°C	3/4 in. NPT

MAR207L24U

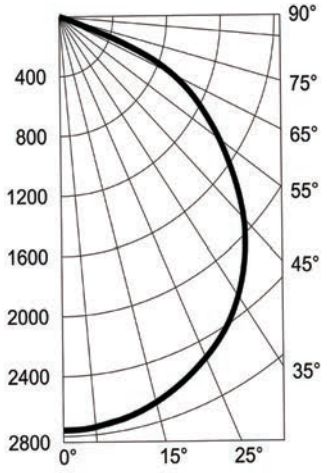
Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	119	119	119	111	111	111	102	102	102
1	106	102	98	99	96	94	92	90	88
2	93	86	81	87	82	78	81	78	75
3	82	74	68	77	71	66	72	67	64
4	72	64	57	69	62	56	64	59	55
5	65	56	49	61	54	49	58	52	48
6	58	49	43	55	48	42	52	46	42
7	53	44	38	50	43	38	48	42	37
8	48	40	34	46	39	33	44	38	33
9	44	36	30	42	35	30	40	34	30
10	41	33	27	39	32	27	37	31	27

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	2760	2760	2760	2760	2760
15	2680	2666	2675	2676	2669
25	2513	2495	2516	2522	2519
35	2261	2248	2286	2295	2285
45	1925	1921	1960	1938	1921
55	1495	1516	1511	1459	1444
65	978	1004	953	941	928
75	409	399	344	17	15
85	34	5	4	4	4
90	0	0	0	0	0

Photometric Data



MAR206L22U

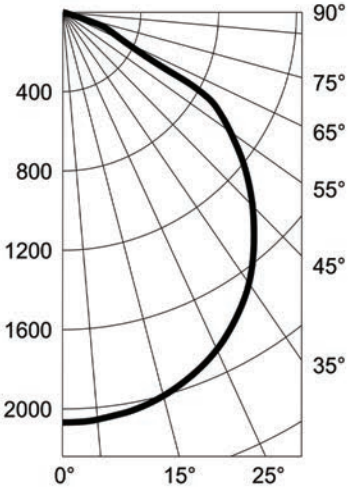
Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	119	119	119	111	111	111	102	102	102
1	106	102	99	99	97	94	92	90	89
2	93	87	82	88	83	79	82	78	75
3	82	75	69	78	72	67	73	68	65
4	73	65	58	69	66	57	65	60	56
5	65	57	50	62	55	50	59	53	49
6	59	50	44	56	49	44	53	47	43
7	53	45	39	51	44	39	48	43	38
8	49	40	35	47	40	34	44	38	34
9	45	37	31	43	36	31	41	35	31
10	41	34	28	40	33	28	38	32	28

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	2068	2068	2068	2068	2068
15	1999	1996	1995	1998	2002
25	1962	1834	1867	1869	1876
35	1661	1666	1673	1669	1669
45	1396	1405	1407	1384	1379
55	1068	1087	1063	1052	1051
65	677	691	682	362	348
75	267	270	142	127	29
85	15	3	4	4	4
90	0	0	0	0	0

Photometric Data

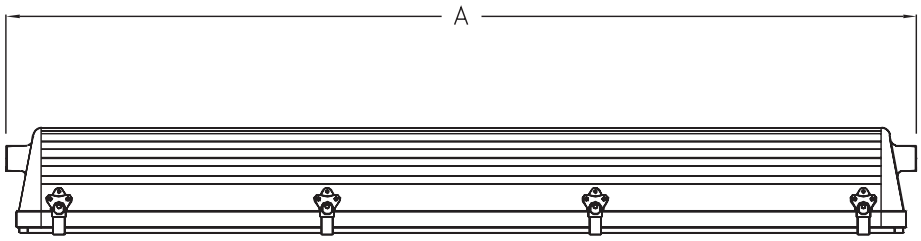


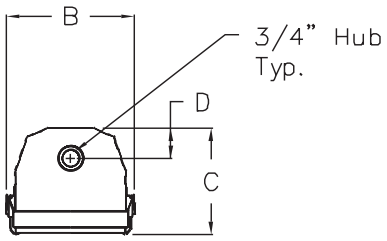
LED

MAR2 LED

Linear LED Lighting for Hazardous Locations

Fixture Dimensions (inches)





MAR2 SERIES	Dimensions (inches)				Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C	D		
4 ft. models	52.13	7.38	6.19	1.81	30 lbs.	2.0 cu. ft.
2 ft. models	28.13	7.38	6.19	1.81	18 lbs.	1.0 cu. ft.

Accessories



Straight Mounting Kit
Catalog Number: 53033
Shipping Weight: 5 lbs.



Offset Mounting Kit
Catalog Number: 53032
Shipping Weight: 5 lbs.



Safety Cable
Catalog Number: 10128R
Shipping Weight: 1 lb.



Straight Brackets
Catalog Number: 26364
Shipping Weight: 2 lbs.
2 required



Offset Brackets
Catalog Number: 26348
Shipping Weight: 2 lbs.
2 required

MHD2 LED

Non-Metallic Heavy Duty LED Luminaire for Hazardous Locations

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 2, Groups F & G
- Class III
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- Tested to LM 79 & LM 80
- CSA C22.2 #137
- CSA C22.2 #213
- NEMA 4X
- IP66
- 55° C Ambient Temperature



MHD2 LED

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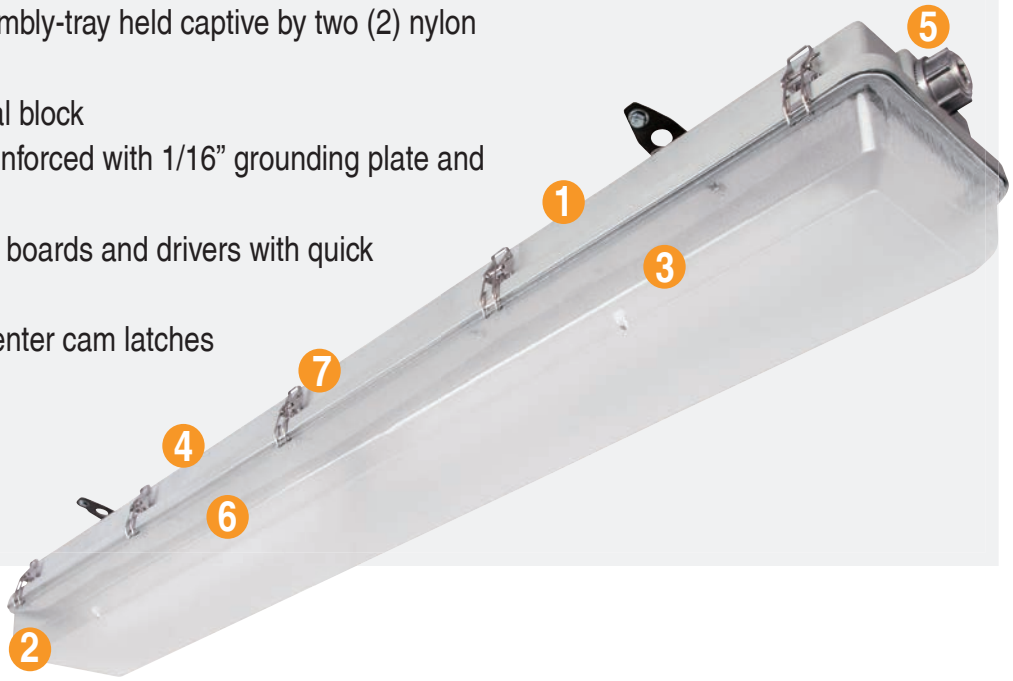
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MHD2 LED

Non-Metallic Heavy Duty LED Luminaire for Hazardous Locations

Key Features:

1. Heavy-duty 3/16” thick housing, reinforced to 3/8” at hub openings
2. Impact resistant 1/8” thick lens with reinforced corners
3. Convenient component assembly-tray held captive by two (2) nylon coated stainless steel cables
4. Toolless, cage-clamp terminal block
5. Two ¾” NPT conduit hubs reinforced with 1/16” grounding plate and locknuts
6. Field replaceable LED circuit boards and drivers with quick disconnects
7. Toolless entry via over-the-center cam latches



Additional Features:

- Vibration dampening, factory-installed mounting feet
- Dimmable driver
- 4kV surge protection (10kV option available)
- Optional polycarbonate lens
- Stainless steel 45-degree, fixed-wall mounting kit available
- 5-year warranty

Standard Materials:

- Body: Fiberglass reinforced PET resin
- Gasket: One-piece silicone
- Lens: Acrylic
- Hubs (2): A360 Aluminum (less than .4% copper content)
- Component tray: 5052-H32 Aluminum (less than .4% copper content)
- Latches: Stainless steel
- Mounting feet: Stainless steel
- Hardware: Stainless steel

LED

MHD2

Non-Metallic Heavy Duty LED Luminaire for Hazardous Locations

Catalog Number Logic

MHD2 07-L2- 4 -U-XX

1 2 3 4 5 6

1 BASIC LUMINAIRE
MHD2 Non-Metallic LED
Class I, Division 2, Groups A, B, C and D
Class II, Division 2 Groups F & G
Class III
UL 844 Hazardous Locations
UL 1598A Marine Outside Type
UL 8750 LED Safety
CSA C22.2 #137; C22.2 #213
ETL Listed
Tested to LM 79 & LM 80
55° C Ambient Temperature
IP66

2 LAMP CURRENT/LAMP WATTAGE
06 = 56 Watt
07 = 74 Watt

3 LAMP TYPE
L2 = LED (4000K CCT)

4 NOMINAL FIXTURE LENGTH
4 = Four Foot

5 VOLTAGE/FREQUENCY
U = 120 - 277V 50/60 HZ
A = 120V 60HZ[1]
B = 220 - 240V 50/60HZ[1]
C = 277V 60Hz[1]

6 OPTIONS[1]
P = Polycarbonate Lens
FB = Fuse Block[1]
TW = Thru Wire
Cable Installations Only
PM = Pendant Mount
SP = Increased Surge Protection, 10kV
30 = 3000K CCT
35 = 3500K CCT
50 = 5000K CCT

[1] Specify voltage when option FB is needed. When option FB is selected, one fuse is provided for 120 and 277V. Two fuses are provided for 220-240V. Fuse option not available for marine listed fixtures, or for fixtures listed for use in Canada.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

MHD2

Non-Metallic Heavy Duty LED Luminaire for Hazardous Locations

MHD207L24U

Candlepower Distribution

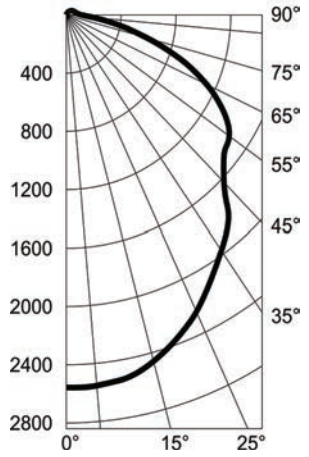
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10	2497	2500	2510	2514	2514	2516	1530
15	2433	2439	2457	2459	2454	2451	2460
20	2349	2355	2364	2374	2367	2358	2361
25	2242	2254	2262	2255	2259	2245	2246
30	2115	2122	2131	2128	2117	2105	2105
35	1971	1979	1980	1973	1961	1964	1973
40	1807	1810	1812	1796	1817	1836	1840
45	1623	1626	1623	1628	1642	1630	1627
50	1424	1426	1425	1437	1436	1468	1503
55	1215	1218	1232	1245	1363	1439	1451
60	1023	1030	1051	1160	1278	1315	1324
65	809	824	887	1059	1057	1081	1130
70	608	635	776	842	965	898	886
75	426	470	604	695	640	618	610
80	265	322	433	416	396	385	378
85	133	177	217	218	211	205	202
90	64	91	115	118	114	111	111
95	69	77	94	97	94	91	90
100	66	67	91	93	89	85	84
105	59	61	79	92	88	84	83
110	51	54	65	81	84	82	81
115	43	46	56	64	70	75	74
120	36	37	46	53	58	62	63
125	30	30	38	48	52	52	52
130	26	26	33	41	47	48	48
135	24	23	29	34	39	43	44
140	22	22	25	30	33	36	37
145	21	21	21	27	29	31	32
150	0	0	0	0	0	0	0

Coefficients of Utilization

Effective Floor Cavity Reflectance 0.20

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96
1	107	102	97	93	104	99	95	91	94	91	88	90	87	84	85	83	81	79
2	97	88	81	75	94	86	79	74	82	76	72	78	73	69	74	70	67	65
3	88	77	69	62	85	75	68	61	72	65	60	68	63	58	65	61	57	54
4	81	68	59	52	78	67	58	52	64	56	51	61	55	49	58	53	48	46
5	74	61	52	45	72	60	51	45	57	49	44	54	48	43	52	47	42	40
6	68	55	46	39	66	54	45	39	51	44	38	49	43	37	47	41	37	35
7	63	50	41	35	61	49	40	34	47	39	34	45	38	33	43	37	33	31
8	59	45	37	31	57	44	36	31	43	35	30	41	35	30	40	34	29	27
9	55	42	33	28	53	41	33	27	39	32	27	38	31	27	37	31	26	25
10	52	38	30	25	50	38	30	25	36	29	25	35	29	24	34	28	24	22

Photometric Data



MHD206L24U

Candlepower Distribution

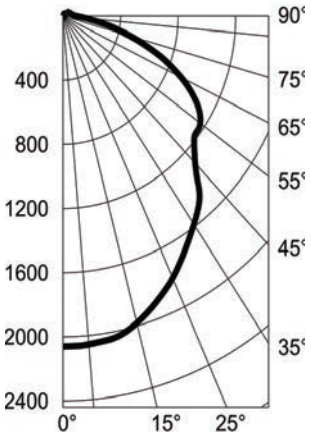
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10	2010	2009	2019	2019	2021	2023	2039
15	1958	1962	1977	1977	1972	1971	1982
20	1885	1890	1899	1910	1901	1893	1897
25	1803	1813	1817	1810	1815	1801	1803
30	1697	1703	1713	1708	1701	1693	1692
35	1583	1588	1587	1584	1574	1577	1586
40	1449	1451	1454	1442	1460	1475	1476
45	1302	1305	1302	1309	1316	1304	1299
50	1142	1143	1144	1150	1143	1162	1190
55	977	978	989	992	1085	1156	1164
60	820	824	839	922	1021	1057	1069
65	646	658	703	847	852	838	906
70	484	505	621	665	768	719	707
75	337	373	479	555	507	491	485
80	212	257	344	327	312	304	299
85	107	143	168	170	165	160	157
90	51	72	90	92	89	87	87
95	56	61	74	75	73	71	70
100	53	53	72	73	69	66	65
105	47	49	62	72	69	66	64
110	41	43	52	64	66	63	62
115	35	36	45	50	55	58	58
120	29	29	36	42	46	48	49
125	24	24	30	38	41	41	41
130	21	20	26	32	37	39	39
135	19	19	23	27	30	34	35
140	18	17	20	24	26	28	29
145	17	17	17	21	23	24	25
150	0	0	0	0	0	0	0

Coefficients of Utilization

Effective Floor Cavity Reflectance 0.20

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96
1	107	102	97	93	104	99	95	91	94	91	88	90	87	84	85	83	81	79
2	97	88	81	75	94	86	80	74	82	76	72	78	73	69	74	71	67	65
3	88	77	69	62	85	75	68	61	72	65	60	69	63	58	65	61	57	54
4	81	68	59	53	78	67	58	52	64	56	51	61	55	50	58	53	49	46
5	74	61	52	45	72	60	51	45	57	50	44	55	48	43	52	47	42	40
6	68	55	46	39	66	54	45	39	51	44	38	49	43	38	47	42	37	35
7	63	50	41	35	61	49	40	34	47	39	34	45	38	33	43	37	33	31
8	59	45	37	31	57	44	36	31	43	35	30	41	35	30	40	34	29	27
9	55	42	33	28	53	41	33	28	39	32	27	38	32	27	37	31	27	25
10	52	38	30	25	50	38	30	25	36	29	25	35	29	24	34	28	24	22

Photometric Data



LED

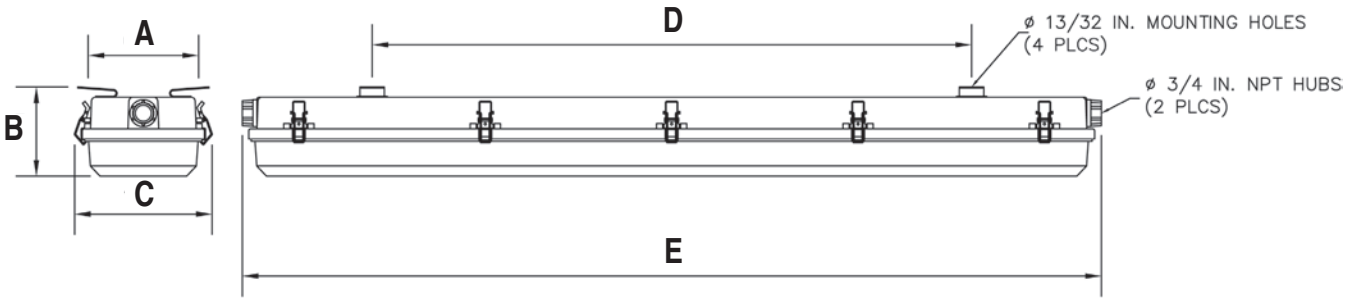
MHD2

Non-Metallic Heavy Duty LED Luminaire for Hazardous Locations

Certification Guide

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 2. Group F & G Class III	Supply Wire Suitable Temperature, °C
MHD206L24U	4 ft	56W	120V - 277V 50/60 Hz	6235	109	84	4121	-20°C < Tamb < 55°C	T5	T5	105°C
MHD207L24U	4 ft	74W	120V - 277V 50/60 Hz	7796	105	84	4142	-20°C < Tamb < 55°C	T5	T5	105°C

Fixture Dimension (inches)



Nominal Fixture Length	Dimensions (inches)					Boxed Weight	Shipping Volume (Boxed Fixture)
	A	B	C	D	E		
4 ft. models	6.88	5.00	7.88	36.63	53.13	21.5 lbs.	2.0 cu. ft.

Accessories



Fixed Mounting Kit

Stainless Steel Fixed 45°
Catalog Number: 53070
Shipping Weight: 2 lbs.

MHDA LED

Linear LED Lighting for Hazardous Locations

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 2, Groups F & G
- Class III
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- Tested to LM 79 & LM 80
- CSA C22.2 #137
- CSA C22.2 #213
- 55° C Ambient Temperature
- NEMA 4X
- IP66



MHDA LED

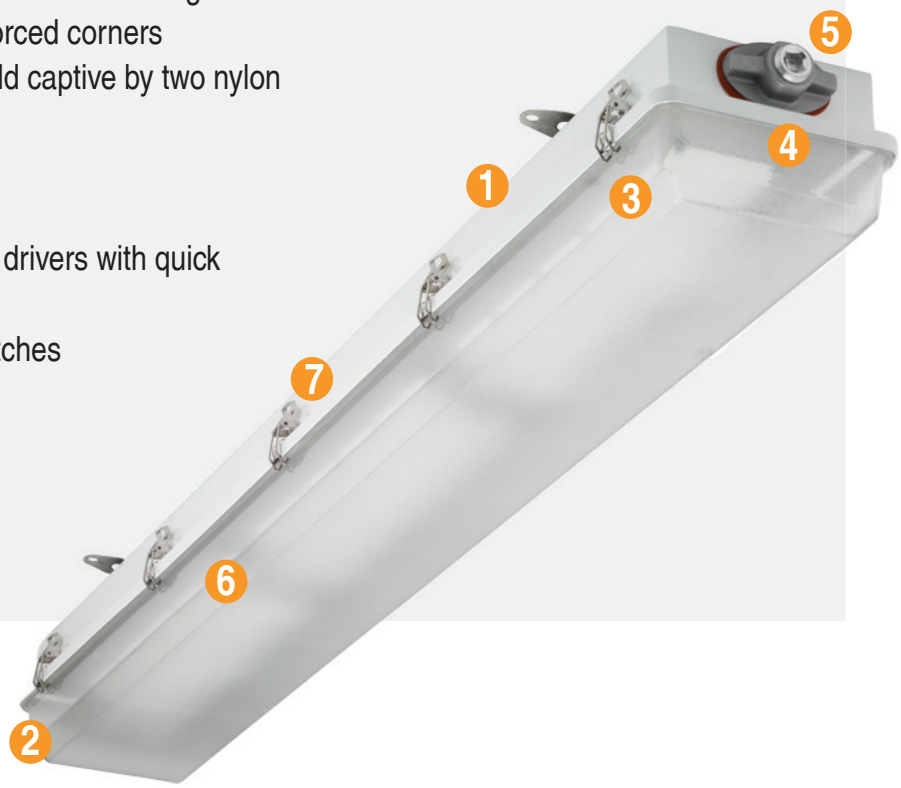
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MHDA

Linear LED Lighting for Hazardous Locations

Key Features:

1. Heavy-duty, continuous seam welded 1/16” thick housing
2. Impact resistant 1/8” thick lens with reinforced corners
3. Convenient component assembly-tray held captive by two nylon coated stainless steel cables
4. Toolless, cage-clamp terminal block
5. Two ¾” NPT conduit hubs
6. Field replaceable LED circuit boards and drivers with quick disconnects
7. Toolless entry via over-the-center cam latches



Additional Features:

- Vibration dampening, factory-installed mounting feet
- Dimmable driver
- 4kV surge protection (10kV option available)
- Optional polycarbonate lens
- Stainless steel 45-degree, fixed-wall mounting kit available
- 5-year warranty

Standard Materials:

- Body: 5052-H32 Aluminum (less than .4% copper content) with baked-on white epoxy finish
- Gasket: One-piece silicone
- Lens: Acrylic
- Hubs (2): A360 Aluminum (less than .4% copper content)
- Component tray: 5052-H32 Aluminum (less than .4% copper content)
- Latches: Stainless steel
- Mounting feet: Stainless steel
- Hardware: Stainless steel

Catalog Number Logic

MHDA 07 - L2 - 4 - U - XX
(1) (2) (3) (4) (5) (6)

1 BASIC LUMINAIRE
MHDA Aluminum LED
Class I, Division 2, Groups A, B, C and D
Class II, Division 2 Groups F & G
Class III
UL 844 Hazardous Locations
UL 1598A Marine Outside Type
UL 8750 LED Safety
CSA C22.2 #137; C22.2 #213
Tested to LM 79 & LM 80
55° C Ambient Temperature
IP66

2 LAMP CURRENT/LAMP WATTAGE
07 = 74 Watt

3 LAMP TYPE
L2 = LED (4000K CCT)

4 NOMINAL FIXTURE LENGTH
4 = Four Foot

5 VOLTAGE/FREQUENCY
U = 120 - 277V 50/60 Hz
A = 120V 60Hz[1]
B = 220 - 240V 50/60Hz[1]
C = 277V 60Hz[1]

6 OPTIONS
P = Polycarbonate Lens
FB = Fuse Block[1]
TW = Thru Wire
Cable Installations Only
PM = Pendant Mount
SP = Increased Surge Protection, 10kV
30 = 3000K CCT
35 = 3500K CCT
50 = 5000K CCT

[1] Specify voltage when option FB is needed. When option FB is selected, one fuse is provided for 120 and 277V. Two fuses are provided for 220-240V. Fuse option not available for marine listed fixtures, or for fixtures listed for use in Canada.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

MHDA07L24U

Candlepower Distribution

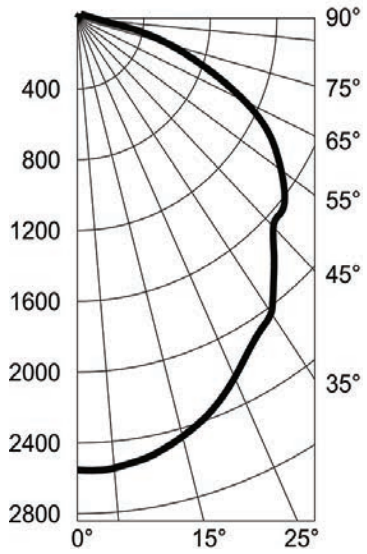
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5	2523	2527	2536	2540	2544	2545	2551
10	2495	2496	2509	2510	2506	2508	2514
15	2423	2432	2445	2455	2445	2438	2446
20	2345	2354	2358	2358	2363	2351	2360
25	2235	2244	2256	2252	2249	2238	2240
30	2113	2120	2120	2124	2107	2109	2115
35	1964	1968	1978	1963	1981	2020	2033
40	1803	1807	1809	1815	1858	1845	1841
45	1619	1622	1624	1661	1649	1643	1668
50	1421	1424	1447	1457	1546	1621	1626
55	1213	1219	1250	1343	1447	1496	1497
60	1023	1035	1088	1262	1273	1302	1343
65	810	835	981	1051	1193	1138	1113
70	611	656	821	936	866	843	827
75	430	503	650	631	599	583	574
80	271	343	403	386	343	320	316
85	132	178	189	162	149	145	145
90	64	88	104	104	101	99	99
95	68	73	85	85	81	78	78
100	63	64	81	81	77	73	72
105	56	58	69	78	75	72	71
110	49	51	58	67	69	68	67
115	41	43	51	53	57	60	60
120	34	35	43	46	47	50	51
125	29	29	36	43	43	42	43
130	25	25	31	38	41	41	41
135	23	23	27	32	37	40	40
140	22	21	24	29	31	34	35
145	21	20	21	26	28	30	31
150	0	0	0	0	0	0	0

Coefficients of Utilization

Effective Floor Cavity Reflectance 0.20

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	96
1	107	102	98	94	104	100	95	92	95	91	88	90	87	85	86	84	82	79
2	97	89	81	76	94	86	80	74	82	77	72	78	74	70	75	71	68	65
3	88	77	69	62	86	76	68	62	72	65	60	69	63	58	66	61	57	55
4	81	68	59	53	78	67	58	52	64	57	51	61	55	50	58	53	49	46
5	74	61	52	45	72	60	51	45	57	50	44	55	48	43	52	47	42	40
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9	55	42	33	28	53	41	33	27	39	32	27	38	31	27	37	31	26	25
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Photometric Data



LED

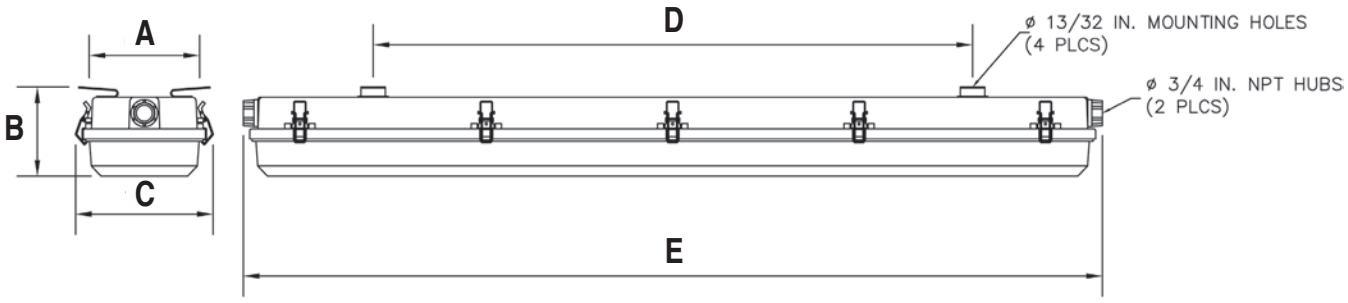
MHDA

Linear LED Lighting for Hazardous Locations

Certification Guide

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 2. Group F & G Class III	Supply Wire Suitable Temperature, °C
MHDA07L24U	4 ft	74W	120V - 277V 50/60 Hz	7794	104	84	4146	-20°C < Tamb < 55°C	T5	T5	105°C

Fixture Dimension (inches)



Nominal Fixture Length	Dimensions (inches)					Boxed Weight	Shipping Volume (Boxed Fixture)
	A	B	C	D	E		
4 ft. models	6.88	5.00	7.88	36.63	53.13	18.5 lbs.	2.0 cu. ft.

Accessories



Fixed Mounting Kit

Stainless Steel Fixed 45°
Catalog Number: 53070
Shipping Weight: 2 lbs.

MHDS LED

Stainless Steel LED Lighting for Hazardous Locations

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 2, Groups F & G
- Class III
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- Tested to LM 79 & LM 80
- CSA C22.2 #137
- CSA C22.2 #213
- 55° C Ambient Temperature
- NEMA 4X
- IP66



C ETL LISTED US Intertek

ETL MARINE LISTED Intertek

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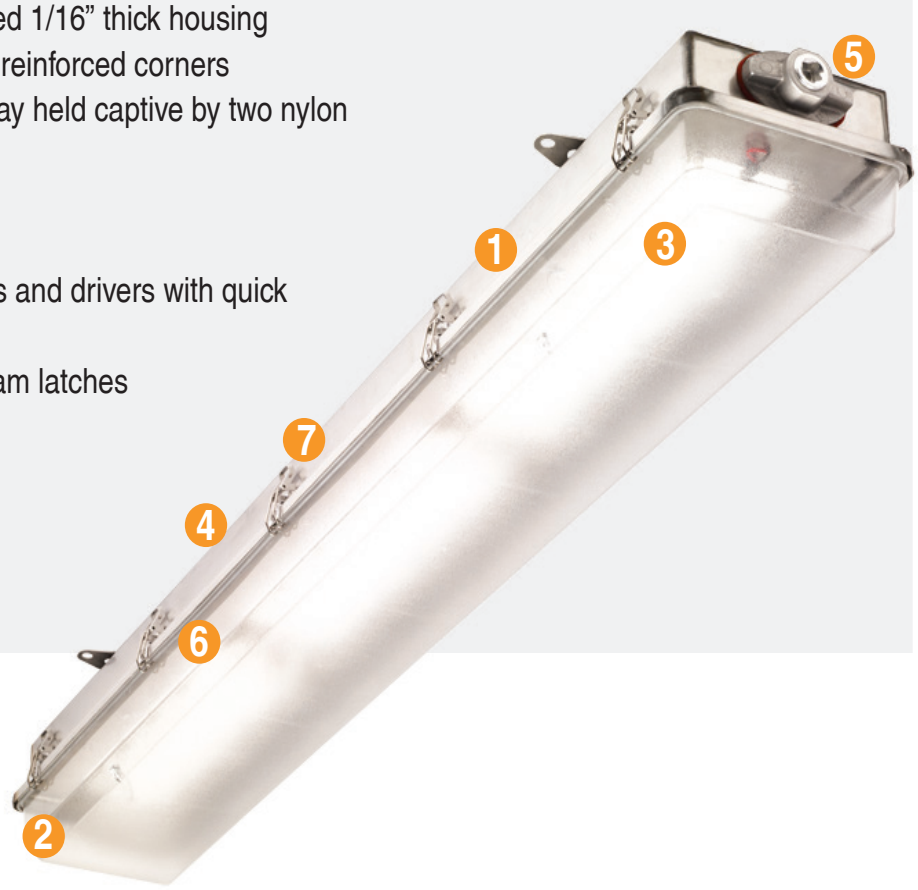
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MHDS

Stainless Steel LED Lighting for Hazardous Locations

Key Features:

1. Heavy-duty, continuous seam welded 1/16” thick housing
2. Impact resistant 1/8” thick lens with reinforced corners
3. Convenient component assembly-tray held captive by two nylon coated stainless steel cables
4. Toolless, cage-clamp terminal block
5. Two ¾” NPT conduit hubs
6. Field replaceable LED circuit boards and drivers with quick disconnects
7. Toolless entry via over-the-center cam latches



Additional Features:

- Vibration dampening, factory-installed mounting feet
- Dimmable driver
- 4kV surge protection (10kV option available)
- Optional polycarbonate lens
- Stainless steel 45-degree, fixed-wall mounting kit available
- 5-year warranty

Standard Materials:

- Body: Type 304 Stainless steel (Optional type 316)
- Gasket: One-piece silicone
- Lens: Acrylic
- Hubs (2): A360 Aluminum (less than .4% copper content)
- Latches: Stainless steel
- Mounting feet: Stainless steel
- Hardware: Stainless steel

Catalog Number Logic

MHDS 07-L2- 4 -U-XX

(1) (2) (3) (4) (5) (6)

1 BASIC LUMINAIRE
MHDS Stainless Steel LED
Class I, Division 2, Groups A, B, C and D
Class II, Division 2 Groups F & G
Class III
UL 844 Hazardous Locations
UL 1598A Marine Outside Type
CSA C22.2 #137; C22.2 #213
UL 8750 LED Safety
Tested to LM 79 & LM 80
55° C Ambient Temperature
IP66

2 LAMP CURRENT/LAMP WATTAGE
07 = 74 Watt

3 LAMP TYPE
L2 = LED (4000K CCT)

4 NOMINAL FIXTURE LENGTH
4 = Four Foot

5 VOLTAGE/FREQUENCY
U = 120 - 277V 50/60 HZ
A = 120V 60HZ[1]
B = 220 - 240V 50/60HZ[1]
C = 277V 60Hz[1]

6 OPTIONS[1]
P = Polycarbonate Lens
FB = Fuse Block[1]
TW = Thru Wire
Cable Installations Only
PM = Pendant Mount
SP = Increased Surge Protection, 10kV
30 = 3000K CCT
35 = 3500K CCT
50 = 5000K CCT

[1] Specify voltage when option FB is needed. When option FB is selected, one fuse is provided for 120 and 277V. Two fuses are provided for 220-240V. Fuse option not available for marine listed fixtures, or for fixtures listed for use in Canada.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

MHDS

Stainless Steel LED Lighting for Hazardous Locations

MHDS07L24U

Candlepower Distribution

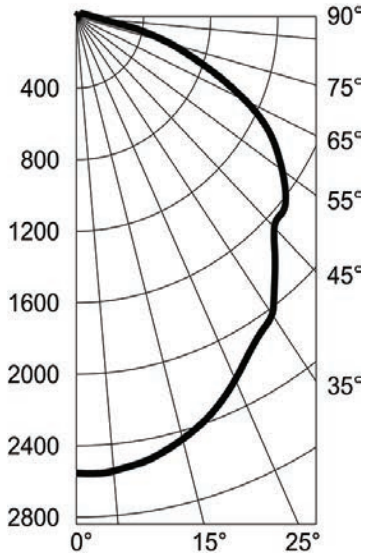
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10	2495	2496	2509	2510	2506	2508	2514
15	2423	2432	2445	2455	2445	2438	2446
20	2345	2354	2358	2358	2363	2351	2360
25	2235	2244	2256	2252	2249	2238	2240
30	2113	2120	2120	2124	2107	2109	2115
35	1964	1968	1978	1963	1981	2020	2033
40	1803	1807	1809	1815	1858	1845	1841
45	1619	1622	1624	1661	1649	1643	1668
50	1421	1424	1447	1457	1546	1621	1626
55	1213	1219	1250	1343	1447	1496	1497
60	1023	1035	1088	1262	1273	1302	1343
65	810	835	981	1051	1193	1138	1113
70	611	656	821	936	866	843	827
75	430	503	650	631	599	583	574
80	271	343	403	386	343	320	316
85	132	178	189	162	149	145	145
90	64	88	104	104	101	99	99
95	68	73	85	85	81	78	78
100	63	64	81	81	77	73	72
105	56	58	69	78	75	72	71
110	49	51	58	67	69	68	67
115	41	43	51	53	57	60	60
120	34	35	43	46	47	50	51
125	29	29	36	43	43	42	43
130	25	25	31	38	41	41	41
135	23	23	27	32	37	40	40
140	22	21	24	29	31	34	35
145	21	20	21	26	28	30	31
150	0	0	0	0	0	0	0

Coefficients of Utilization

Effective Floor Cavity Reflectance 0.20

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	96
1	107	102	98	94	104	100	95	92	95	91	88	90	87	85	86	84	82	79
2	97	89	81	76	94	86	80	74	82	77	72	78	74	70	75	71	68	65
3	88	77	69	62	86	76	68	62	72	65	60	69	63	58	66	61	57	55
4	81	68	59	53	78	67	58	52	64	57	51	61	55	50	58	53	49	46
5	74	61	52	45	72	60	51	45	57	50	44	55	48	43	52	47	42	40
6	68	55	46	39	66	54	45	39	51	44	38	49	43	38	48	42	37	35
7	63	50	41	35	61	49	40	34	47	39	34	45	38	33	43	37	33	31
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9	55	42	33	28	53	41	33	27	39	32	27	38	31	27	37	31	26	25
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Photometric Data



LED

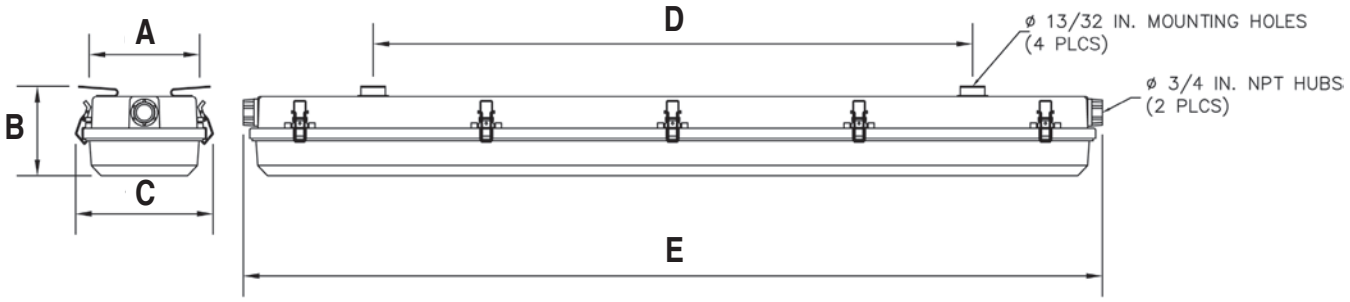
MHDS

Stainless Steel LED Lighting for Hazardous Locations

Certification Guide

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 2. Group F & G Class III	Supply Wire Suitable Temperature, °C
MHDS07L24U	4 ft	74W	120V - 277V 50/60 Hz	7794	104	84	4146	-20°C < Tamb < 55°C	T5	T5	105°C

Fixture Dimension (inches)



Nominal Fixture Length	Dimensions (inches)					Boxed Weight	Shipping Volume (Boxed Fixture)
	A	B	C	D	E		
4 ft. models	6.88	5.00	7.88	36.63	53.13	25.5 lbs.	2.0 cu. ft.

Accessories



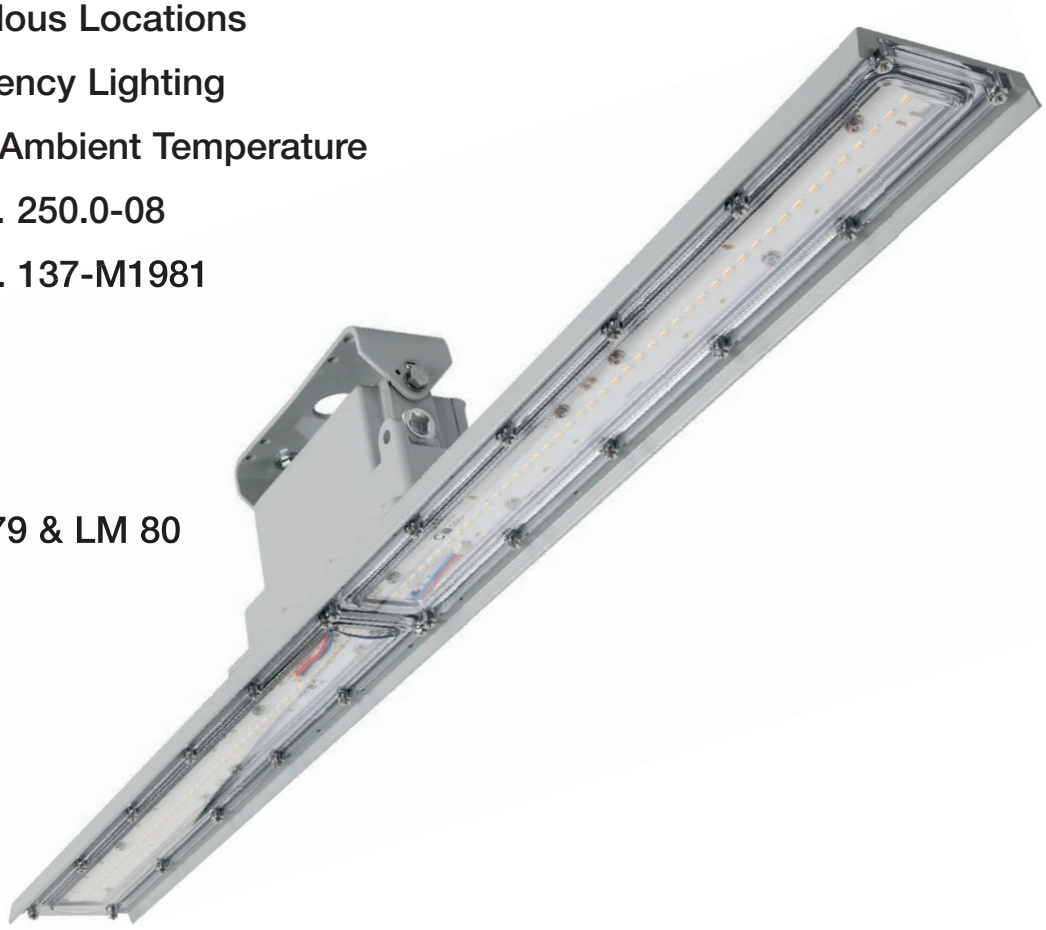
Fixed Mounting Kit

Stainless Steel Fixed 45°
Catalog Number: 53070
Shipping Weight: 2 lbs.

MHL LED

Linear LED Lighting for Hazardous Locations

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 2, Groups F & G
- Class III
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- -40°C to 65°C Ambient Temperature
- CSA C22.2 No. 250.0-08
- CSA C22.2 No. 137-M1981
- NEMA 4X
- IP66
- ETL Listed
- Tested to LM 79 & LM 80



MHL LED

ETL MARINE LISTED Intertek

C ETL LISTED US Intertek

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MHL LED

Linear LED Lighting for Hazardous Locations

Key Features:

1. Low-profile, lightweight design
2. Heavy-duty, 3/8" thick die-cast safety cable attachment points
3. Toolless, cage-clamp terminal block
4. Captive junction box cover, attached by nylon-coated stainless steel cable
5. Field replaceable LED circuit boards and drivers with quick disconnects
6. Adjustable mounting bracket with 60° range of motion and nine locking positions*
7. Impact resistant clear lens

* Not included, must be ordered seperately. Please see options section.



Additional Features:

- Central safety cable attachment points for increased safety/reduced range of motion
- Feed-through capable
- Optional end brackets for chain mount applications
- Emergency battery back-up
- Diffused lens option
- 4kV surge protection (10kV option available)
- 5-year warranty

Standard Materials:

- Body: 606IT5 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Driver body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: one-piece neoprene
- Optional end brackets: stainless steel
- Lens: polycarbonate
- Hardware: stainless steel

Catalog Number Logic

MHL 07 - L - C - 4 - U - XX

(1) (2) (3) (4) (5) (6) (7)

(1) BASIC SERIES
MHL Series[1]
Hazardous Locations
Class I, Division 2, Groups A, B, C & D
Class II, Division 2, Groups F & G
Class III
UL 1598A Marine Outside Type
UL 844
UL 928
UL 8750 LED
CSA C22.2
NEMA 4X
IP66
ETL Listed

(2) LAMP WATTAGE
07 = 80 Watt (4 foot)
04 = 40 Watt (2 foot)

(3) LAMP TYPE
L = LED (4000K CCT)

(4) LENS
C = Clear
D = Diffused

(5) NOMINAL FIXTURE LENGTH
2 = 2 Foot
4 = 4 Foot

(6) VOLTAGE/ FREQUENCY
U = 120 - 277V 50/60HZ
N = 347/480V 60HZ
A = 120V 60HZ[2]
B = 220 - 240V 50/60HZ[2]
C = 277V 60HZ[2]

(7) OPTIONS
RIG = Mounting Bracket & (2) Safety Cables
MB = Mounting Bracket Ceiling or Wall
EB = End Brackets Cable or Chain Suspension
HA = High Ambient 65°C Rated (4 ft. Model Only)
EM = Emergency Battery Backup
SP = Increased Surge Protection, 10kV (Not available with 347/480V)
FB = Fuse Block (Not Available with 347/480V)[2]
SC = Safety Cable
30 = 3000K CCT
35 = 3500K CCT
50 = 5000K CCT

[1]Mounting Hardware not inclued. Please see options for mounting selections.
[2]Specify voltage when option FB is needed. When option FB is selected, one fuse is provided for 120 and 277V. Two fuses are provided for 220-240V. Fuse option not available for marine listed fixtures, or for fixtures listed for use in Canada.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

MHL LED

Linear LED Lighting for Hazardous Locations

Certification Guide

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Comparable Flourescent Luminaire	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 2 Group F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C
MHL04LC2	2 ft	40W	120V - 277V 50/60 Hz,	4068	101	84	4009	2 X 24W T5H0 / 2 X 35W TI2H0	-40°C < Tamb < 55°C	T4A	T4A	T4A	90°C
MHL07LC4	4 ft	80W	347V/480V 60Hz	7654	102	84	4105	2 X 54W T5H0 / 2 X 60W TI2H0	-35°C < Tamb < 60°C	T4A	T4A	T4A	90°C
MHL04LD2	2 ft	40W	120V - 277V 50/60 Hz,	3737	93	83	3916	2 X 24W T5H0 / 2 X 35W TI2H0	-40°C < Tamb < 55°C	T4A	T4A	T4A	90°C
MHL07LD4	4 ft	80W	347V/480V 60Hz	7453	99	83	4034	2 X 54W T5H0 / 2 X 60W TI2H0	-35°C < Tamb < 60°C	T4A	T4A	T4A	90°C
MHL07LC4-HA	4 ft	40W	120V - 277V 50/60 Hz,	7654	102	84	4105	2 X 54W T5H0 / 2 X 60W TI2H0	-30°C < Tamb < 65°C	T4A	T4A	T4A	90°C
MHL07LD4-HA	4 ft	80W	347V/480V 60Hz	7453	99	83	4034	2 X 54W T5H0 / 2 X 60W TI2H0	-30°C < Tamb < 65°C	T4A	T4A	T4A	90°C

MHL07LC4U

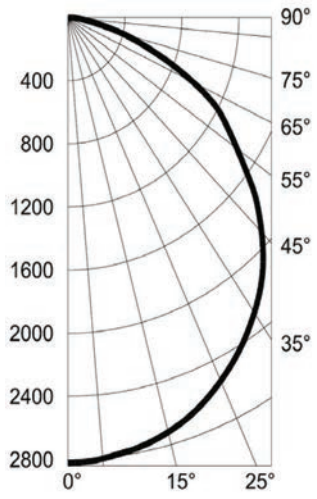
Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	85
2	100	92	86	80	98	90	84	79	87	82	78	84	79	76	81	77	74	72
3	91	81	74	67	89	80	73	67	77	71	65	74	69	64	72	67	63	61
4	84	72	64	57	82	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	65	56	49	75	63	55	49	61	54	48	59	53	48	58	52	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	27	38	32	27	37	31	27	25

Candlepower Distribution

Deg.	0	15	30	45	60	75	90
0	2823	2823	2823	2823	2823	2823	2823
15	2729	2710	2712	2720	2722	2718	2719
25	2514	2529	2533	2537	2537	2514	2540
35	2259	2262	2262	2270	2270	2275	2282
45	1868	1879	1888	1910	1930	1915	1923
55	1400	1405	1418	1444	1460	1444	1449
65	748	737	821	901	934	965	972
75	117	164	450	367	337	381	403
85	29	29	30	32	35	45	56
95	0	0	0	0	0	30	35
105	0	0	0	0	0	0	0

Photometric Data



MHL04LC2U

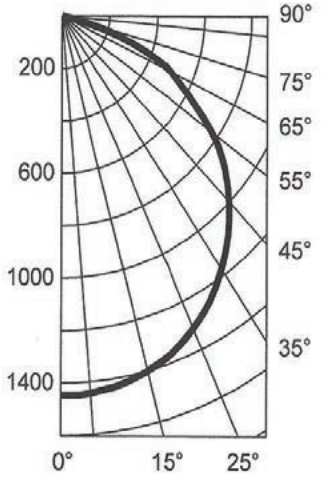
Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	94	98	94	91	94	91	89	90	88	86	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61	59
4	83	71	62	56	81	70	61	55	67	60	54	65	59	54	63	57	53	51
5	76	63	55	48	74	62	54	48	60	53	47	58	52	47	56	51	46	44
6	70	57	48	42	69	56	48	42	54	47	41	53	46	41	51	45	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	47	41	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	38	33	43	37	32	31
9	57	44	35	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

Candlepower Distribution

Deg.	0	15	30	45	60	75	90
0	1445	1445	1445	1445	1445	1445	1445
15	1395	1396	1393	1401	1394	1397	1401
25	1308	1309	1305	1313	1308	1311	1311
35	1176	1173	1174	1180	1175	1174	1175
45	998	999	1006	998	995	996	998
55	749	759	773	781	774	771	771
65	505	510	502	501	489	495	499
75	221	215	211	222	198	177	133
85	34	34	13	11	9	8	8
95	13	10	9	8	7	7	7
105	12	0	0	0	0	0	0
115	11	0	0	0	0	0	0

Photometric Data



MHL LED

Linear LED Lighting for Hazardous Locations

MHL07LD4U

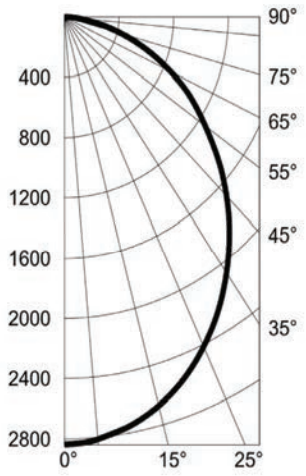
Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	94	98	94	91	94	91	89	90	88	86	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61	59
4	83	71	62	56	81	70	61	55	67	60	54	65	59	54	63	57	53	51
5	76	63	55	48	74	62	54	48	60	53	47	58	52	47	56	51	46	44
6	70	57	48	42	69	56	48	42	54	47	41	53	46	41	51	45	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	47	41	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	38	33	43	37	32	31
9	57	44	35	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

Candlepower Distribution

Deg.	0	15	30	45	60	75	90
0	2836	2836	2836	2836	2836	2836	2836
15	2687	2679	2682	2683	2679	2672	2671
25	2424	2427	2428	2430	2424	2415	2414
35	2098	2094	2093	2090	2084	2072	2070
45	1715	1713	1710	1700	1694	1679	1679
55	1317	1313	1309	1295	1280	1264	1260
65	928	925	920	909	889	868	859
75	498	502	501	494	478	455	440
85	77	80	88	96	98	103	93
95	0	0	0	0	0	26	27
105	0	0	0	0	0	0	0

Photometric Data



MHL04LD2U

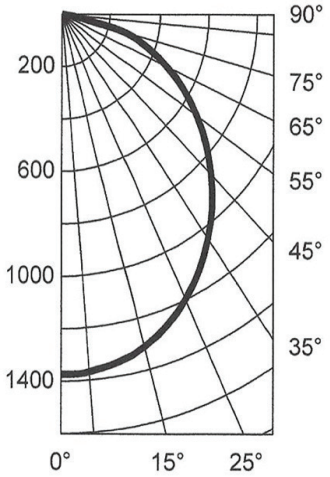
Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	99	96	106	101	98	94	97	94	91	93	91	88	90	87	85	83
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	78	75	72	69
3	90	79	71	65	88	78	70	64	75	68	63	72	66	62	69	65	61	58
4	82	70	62	55	80	69	61	54	67	59	54	64	58	53	62	57	52	50
5	76	63	54	48	74	62	53	47	60	52	46	58	51	46	56	50	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	38
7	65	51	43	37	63	51	42	36	49	42	36	48	41	36	46	40	36	34
8	61	47	39	33	59	46	38	33	45	38	32	44	37	32	42	36	32	30
9	57	43	35	29	55	43	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	27	37	31	26	36	31	26	24

Candlepower Distribution

Deg.	0	15	30	45	60	75	90
0	1373	1373	1373	1373	1373	1373	1373
15	1303	1304	1304	1311	1306	1309	1312
25	1183	1185	1187	1195	1192	1196	1198
35	1318	1021	1027	1035	1037	1041	1043
45	827	831	842	850	856	861	863
55	624	631	646	656	664	670	672
65	423	432	448	460	467	471	472
75	229	239	254	263	268	269	270
85	54	64	64	59	60	62	64
95	11	11	10	8	7	7	6
105	0	0	0	0	0	0	0

Photometric Data

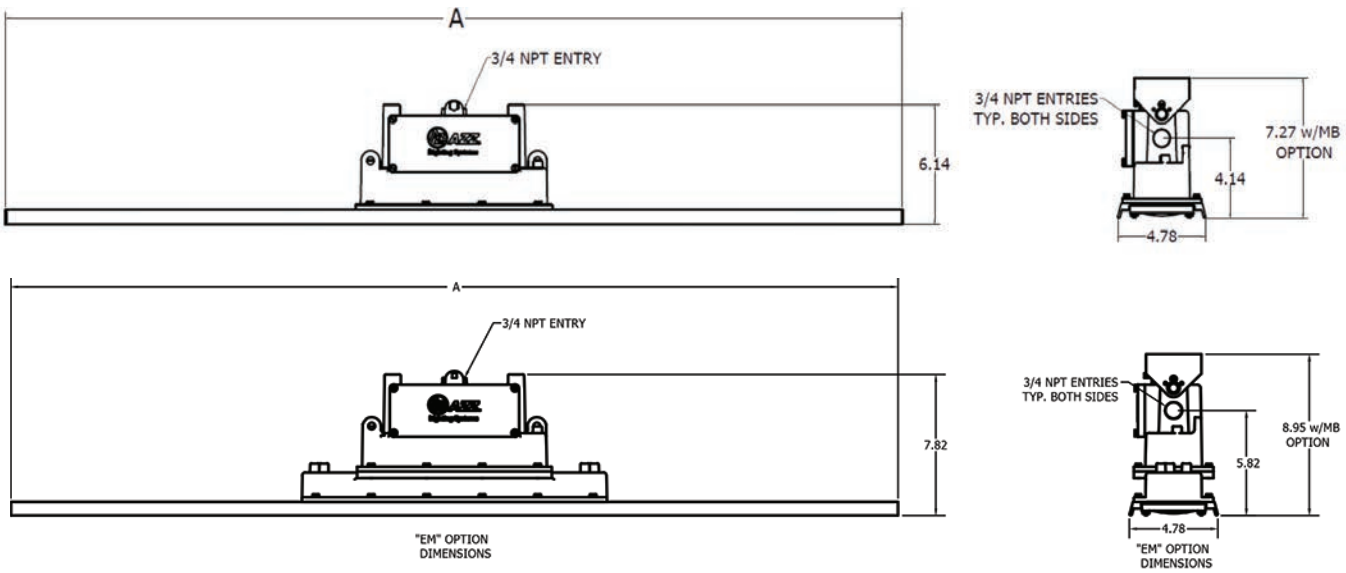


LED

MHL LED

Linear LED Lighting for Hazardous Locations

Fixture Dimensions (inches)



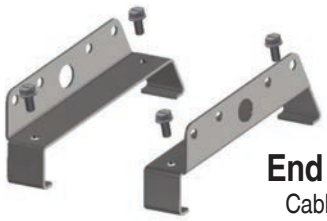
MHL SERIES	Dimensions (inches)	Boxed Weight	Shipping Volume
	A		
4 ft. models	48.00	18 lbs.	1.47 cu. ft.
2 ft. models	24.00	10 lbs.	.76 cu. ft.

Accessories



Mounting Bracket

Ceiling or Wall
Catalog Number: 53050
Shipping Weight: 2 lbs.



End Brackets

Cables or Chain
Catalog Number: 53051
Shipping Weight: 1 lbs.



Beam Clamp

Catalog Number: 38083
Shipping Weight: 1.25 lbs.



Beam Clamp Mounting Kit

Catalog Number: 53010
Shipping Weight: 3 lbs.



Safety Cable

Catalog Number: 10128R
Shipping Weight: 1 lb.

MHLS LED

Stainless Steel LED Lighting for Hazardous Locations

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 2, Groups F & G
- Class III
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- CSA C22.2 No. 250.0-08
- CSA C22.2 No. 137-M1981
- NEMA 4X
- IP66



MARINE LISTED Intertek

C LISTED US Intertek

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MHLS LED

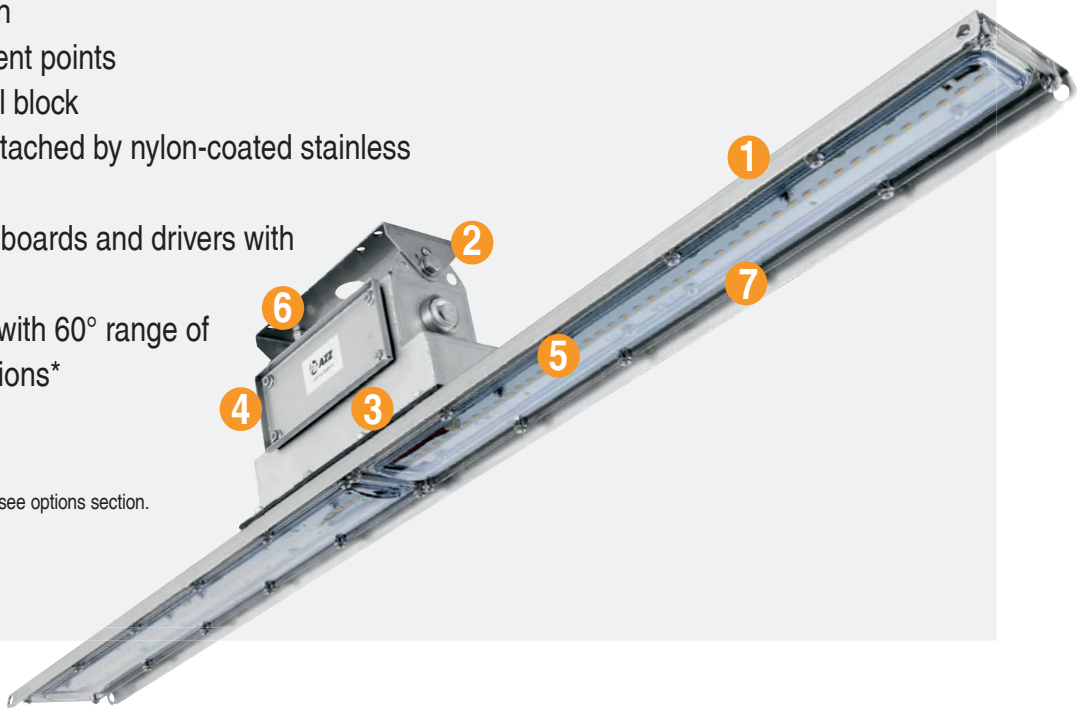
MHLS LED

Stainless Steel LED Lighting for Hazardous Locations

Key Features:

1. Low-profile, lightweight design
2. Integral safety cable attachment points
3. Toolless, cage-clamp terminal block
4. Captive junction box cover, attached by nylon-coated stainless steel cable
5. Field replaceable LED circuit boards and drivers with quick disconnects
6. Adjustable mounting bracket with 60° range of motion and nine locking positions*
7. Impact resistant clear lens

* Not included, must be ordered seperately. Please see options section.



Additional Features:

- Central safety cable attachment points for increased safety/reduced range of motion
- Feed-through capable
- Optional end brackets for chain mount applications
- Emergency battery back-up
- Diffused lens option
- 4kV surge protection (10kV option available)
- 5-year warranty

Standard Materials:

- Body: Type 304 stainless steel, optional type 316
- Driver body: Type 304 stainless steel, optional type 316
- Gaskets: one-piece neoprene
- Optional end brackets: stainless steel
- Lens: polycarbonate
- Hardware: stainless steel

LED

MHLS

Stainless Steel LED Lighting for Hazardous Locations

Catalog Number Logic

MHLS 07 - L - C - 4 - U - XX

(1) (2) (3) (4) (5) (6) (7)

1 BASIC SERIES
MHLS LED[1]
Hazardous Locations
Class I, Division 2, Groups A, B, C & D
Class II, Division 2, Groups F & G
Class III
UL 1598A Marine Outside Type
UL 844
UL 928
UL 8750 LED
CSA C22.2
NEMA 4X
IP66

2 LAMP WATTAGE
07 = 80 Watt (4 foot)
04 = 40 Watt (2 foot)

3 LAMP TYPE
L = LED (4000K CCT)

4 LENS
C = Clear
D = Diffused

5 NOMINAL FIXTURE LENGTH
2 = 2 Foot
4 = 4 Foot

6 VOLTAGE/ FREQUENCY
U = 120 - 277V 50/60HZ
A = 120V 60HZ[2]
B = 220 - 240V 50/60HZ[2]
C = 277V 60HZ[2]

7 OPTIONS
RIG = Mounting Bracket & (2) Safety Cables
MB = Mounting Bracket Ceiling or Wall
EB = End Brackets Cable or Chain Suspension
EM = Emergency Battery Backup
SP = Increased Surge Protection, 10kV
FB = Fuse Block
SC = Safety Cable
30 = 3000K CCT
35 = 3500K CCT
50 = 5000K CCT
316 = Stainless Steel

[1]Mounting Hardware not included. Please see options for mounting selections.
[2]Specify voltage when option FB is needed. When option FB is selected, one fuse is provided for 120 and 277V. Two fuses are provided for 220-240V. Fuse option not available for marine listed fixtures, or for fixtures listed for use in Canada.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

MHLS

Stainless Steel LED Lighting for Hazardous Locations

Certification Guide

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 2 Group F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C
MHLS04LC2	2 ft	40W	120V - 277V 50/60 Hz	4068	101	84	4009	-40°C < Tamb < 45°C	T4A	T4A	T4A	90°C
MHLS07LC4	4 ft	80W		7654	102	84	4105	-35°C < Tamb < 45°C	T4A	T4A	T4A	90°C
MHLS04LD2	2 ft	40W		3737	93	83	3916	-40°C < Tamb < 45°C	T4A	T4A	T4A	90°C
MHLS07LD4	4 ft	80W		7453	99	83	4034	-35°C < Tamb < 45°C	T4A	T4A	T4A	90°C

MHLS07LC4U

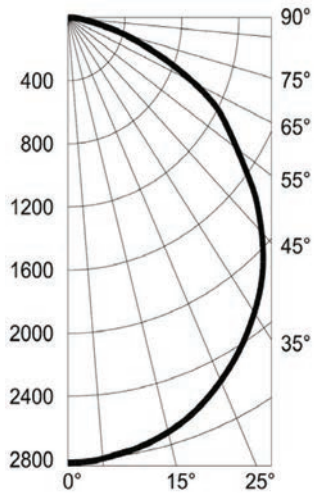
Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	85
2	100	92	86	80	98	90	84	79	87	82	78	84	79	76	81	77	74	72
3	91	81	74	67	89	80	73	67	77	71	65	74	69	64	72	67	63	61
4	84	72	64	57	82	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	65	56	49	75	63	55	49	61	54	48	59	53	48	58	52	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	27	38	32	27	37	31	27	25

Candlepower Distribution

Deg.	0	15	30	45	60	75	90
0	2823	2823	2823	2823	2823	2823	2823
15	2729	2710	2712	2720	2722	2718	2719
25	2514	2529	2533	2537	2537	2514	2540
35	2259	2262	2262	2270	2270	2275	2282
45	1868	1879	1888	1910	1930	1915	1923
55	1400	1405	1418	1444	1460	1444	1449
65	748	737	821	901	934	965	972
75	117	164	450	367	337	381	403
85	29	29	30	32	35	45	56
95	0	0	0	0	0	30	35
105	0	0	0	0	0	0	0

Photometric Data



MHLS04LC2U

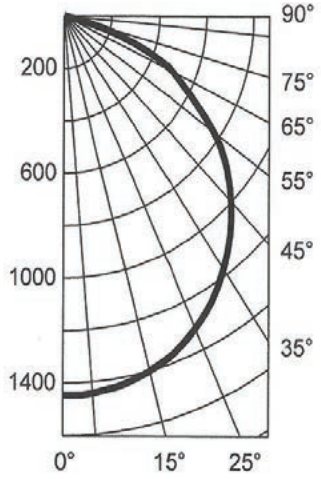
Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	94	98	94	91	94	91	89	90	88	86	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61	59
4	83	71	62	56	81	70	61	55	67	60	54	65	59	54	63	57	53	51
5	76	63	55	48	74	62	54	48	60	53	47	58	52	47	56	51	46	44
6	70	57	48	42	69	56	48	42	54	47	41	53	46	41	51	45	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	47	41	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	38	33	43	37	32	31
9	57	44	35	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

Candlepower Distribution

Deg.	0	15	30	45	60	75	90
0	1445	1445	1445	1445	1445	1445	1445
15	1395	1396	1393	1401	1394	1397	1401
25	1308	1309	1305	1313	1308	1311	1311
35	1176	1173	1174	1180	1175	1174	1175
45	998	999	1006	998	995	996	998
55	749	759	773	781	774	771	771
65	505	510	502	501	489	495	499
75	221	215	211	222	198	177	133
85	34	34	13	11	9	8	8
95	13	10	9	8	7	7	7
105	12	0	0	0	0	0	0
115	11	0	0	0	0	0	0

Photometric Data



MHLS07LD4U

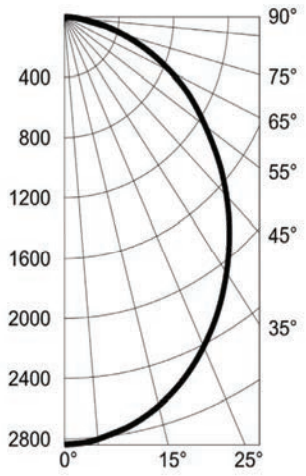
Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	94	98	94	91	94	91	89	90	88	86	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61	59
4	83	71	62	56	81	70	61	55	67	60	54	65	59	54	63	57	53	51
5	76	63	55	48	74	62	54	48	60	53	47	58	52	47	56	51	46	44
6	70	57	48	42	69	56	48	42	54	47	41	53	46	41	51	45	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	47	41	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	38	33	43	37	32	31
9	57	44	35	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

Candlepower Distribution

Deg.	0	15	30	45	60	75	90
0	2836	2836	2836	2836	2836	2836	2836
15	2687	2679	2682	2683	2679	2672	2671
25	2424	2427	2428	2430	2424	2415	2414
35	2098	2094	2093	2090	2084	2072	2070
45	1715	1713	1710	1700	1694	1679	1679
55	1317	1313	1309	1295	1280	1264	1260
65	928	925	920	909	889	868	859
75	498	502	501	494	478	455	440
85	77	80	88	96	98	103	93
95	0	0	0	0	0	26	27
105	0	0	0	0	0	0	0

Photometric Data



MHLS04LD2U

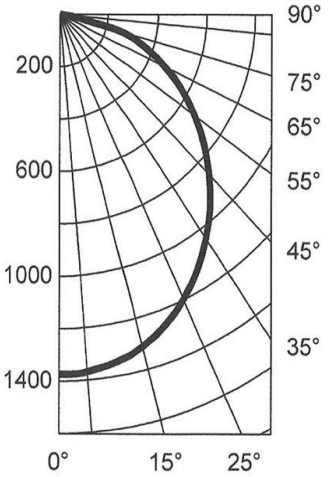
Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	99	96	106	101	98	94	97	94	91	93	91	88	90	87	85	83
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	78	75	72	69
3	90	79	71	65	88	78	70	64	75	68	63	72	66	62	69	65	61	58
4	82	70	62	55	80	69	61	54	67	59	54	64	58	53	62	57	52	50
5	76	63	54	48	74	62	53	47	60	52	46	58	51	46	56	50	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	38
7	65	51	43	37	63	51	42	36	49	42	36	48	41	36	46	40	36	34
8	61	47	39	33	59	46	38	33	45	38	32	44	37	32	42	36	32	30
9	57	43	35	29	55	43	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	27	37	31	26	36	31	26	24

Candlepower Distribution

Deg.	0	15	30	45	60	75	90
0	1373	1373	1373	1373	1373	1373	1373
15	1303	1304	1304	1311	1306	1309	1312
25	1183	1185	1187	1195	1192	1196	1198
35	1318	1021	1027	1035	1037	1041	1043
45	827	831	842	850	856	861	863
55	624	631	646	656	664	670	672
65	423	432	448	460	467	471	472
75	229	239	254	263	268	269	270
85	54	64	64	59	60	62	64
95	11	11	10	8	7	7	6
105	0	0	0	0	0	0	0

Photometric Data

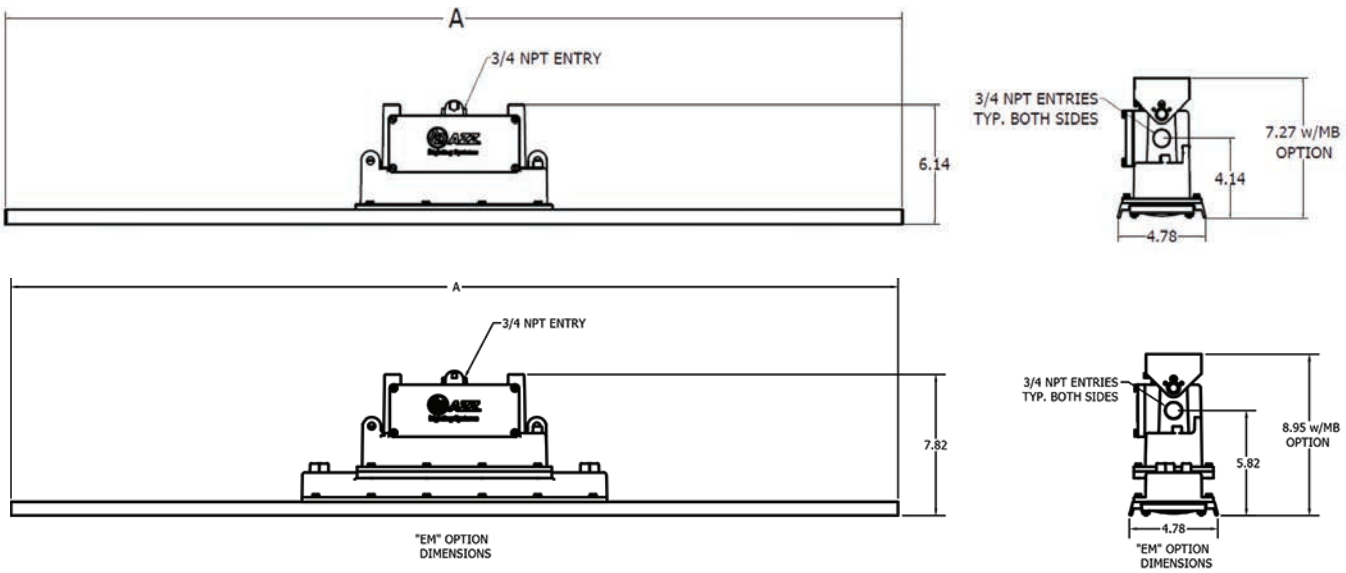


LED

MHLS

Stainless Steel LED Lighting for Hazardous Locations

Fixture Dimensions (inches)



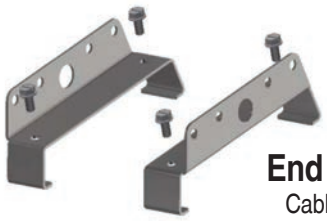
MHLS SERIES	Dimensions (inches)	Boxed Weight	Shipping Volume
	A		
4 ft. models	48.00	18 lbs.	1.47 cu. ft.
2 ft. models	24.00	10 lbs.	.76 cu. ft.

Accessories



Mounting Bracket

Ceiling or Wall
Catalog Number: 53050
Shipping Weight: 2 lbs.



End Brackets

Cables or Chain
Catalog Number: 53051
Shipping Weight: 1 lb.



Beam Clamp

Catalog Number: 38083
Shipping Weight: 1.25 lbs.



Beam Clamp Mounting Kit

Catalog Number: 53010
Shipping Weight: 3 lbs.



Safety Cable

Catalog Number: 10128R
Shipping Weight: 1 lb.

RFNK262 LED

Linear LED Lighting for Hazardous Locations

- Class I, Division 2, Groups A, B, C, & D
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 8750 LED Safety
- CSA Standard C22.2 No. 250.0-08
- CSA C22.2 No. 137-M1981
- NEMA 4X
- -20° to 55°C Ambient Temperature
- Tested to LM 79 & LM 80



RFNK262 LED

Intertek Intertek

AZZ™

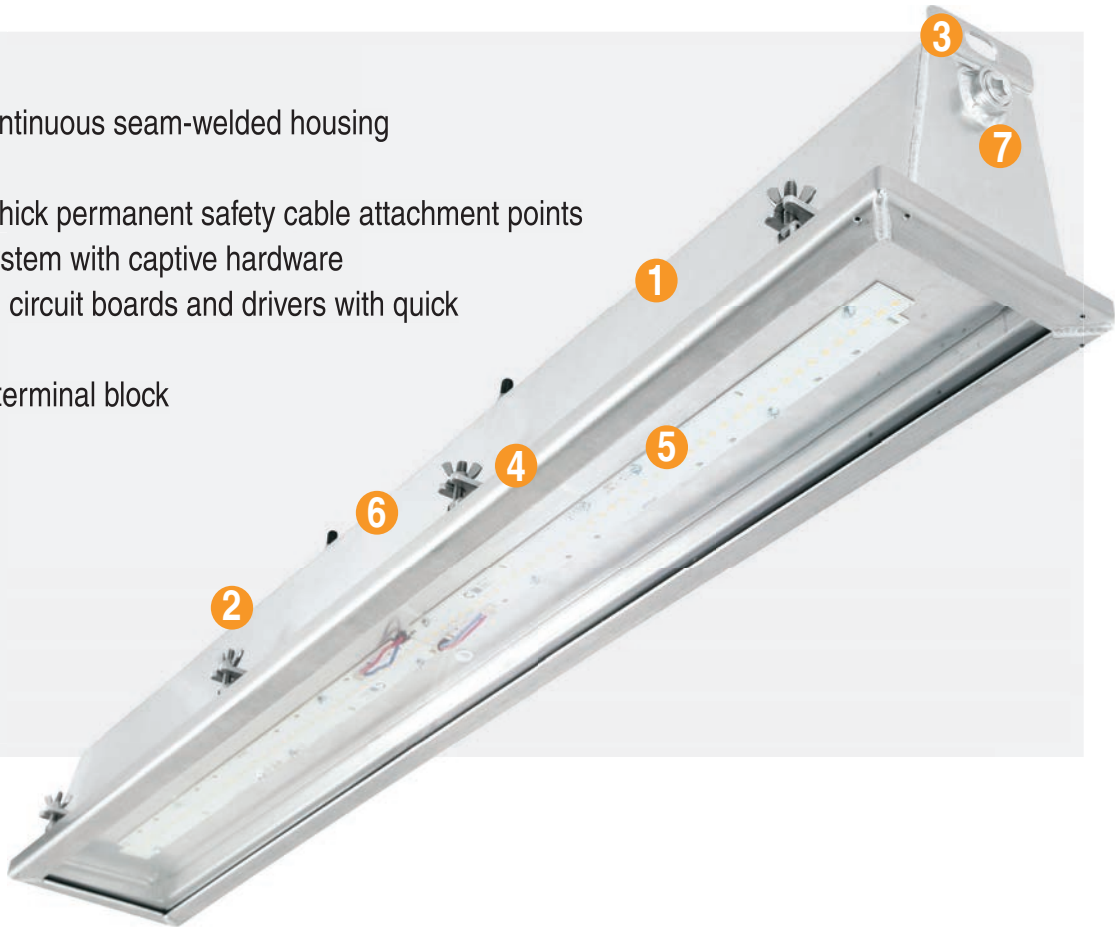
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RFNK62

Linear LED Lighting for Hazardous Locations

Key Features:

1. Rugged 1/16” thick continuous seam-welded housing
2. Narrow profile design
3. Two heavy-duty, 1/8” thick permanent safety cable attachment points
4. Toolless entry latch system with captive hardware
5. Field replaceable LED circuit boards and drivers with quick disconnects
6. Toolless, cage-clamp terminal block
7. One 1/2” NPT Hub



Additional Features:

- Surface mounting hardware included
- Central safety cable attachment points for increased safety/reduced range of motion
- Feed-through capable
- Impact resistant clear lens
- Optional offset and adjustable end-brackets
- Dimmable Driver
- 4 kV surge protection (10kV option available)
- 5-year warranty

Standard Materials:

- Body: 5052-H32 Aluminum (less than .4% copper content)
- Lens Frame: 5052-H32 Aluminum (less than .4% copper content)
- Gasket: One-piece silicone
- Lens: Polycarbonate
- Hardware: Stainless steel

Catalog Number Logic

RFNK262 07 - L - 4 - U - XX
(1) (2) (3) (4) (5) (6)

1 BASIC LUMINAIRE
RFNK262 LED
Class I, Division 2, Groups A, B, C & D
UL 1598 Suitable for Outdoor Wet Locations
UL 8750
CSA C22.2 No. 250.0
CSA C22.2 No. 137
NEMA 4X
Tested to LM 79 and 80
-20°C to 55°C Ambient Temperature

2 LAMP CURRENT/LAMP WATTAGE
07 = 74 Watt (4 foot)
06 = 56 Watt (2 foot)

3 LAMP TYPE
L = LED (4000K CCT)

4 NOMINAL FIXTURE LENGTH
4 = Four Foot
2 = Two Foot

5 VOLTAGE/FREQUENCY
U = 120 - 277V 50/60 HZ
A = 120V 60 HZ[1]
B = 220 - 240V 50/60 HZ[1]
C = 277V 60 HZ[1]

6 OPTIONS[1]
FB = Fuse Block[1]
TW = Thru Wire
Cable Installations Only
30 = 3000K CCT
35 = 3500K CCT
50 = 5000K CCT

[1] Specify voltage when option FB is needed. When option FB is selected, one fuse is provided for 120 and 277V. Two fuses are provided for 220-240V. Fuse option not available for marine listed fixtures, or for fixtures listed for use in Canada.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

Accessories



Offset Mounting Bracket

Fixed Offset Mounting Bracket
(Includes two brackets)
Part #- 53065

Fixed Offset Mounting Bracket Kit
(Includes 2 beam clamps, 2 mounting brackets, 1 cord grip, 1 safety cable & assorted screws)
Part #- 53066

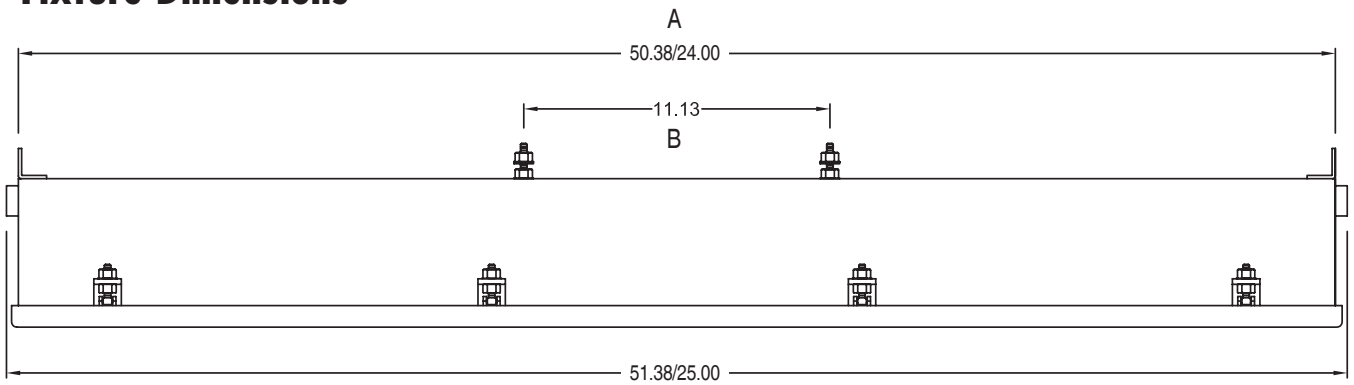


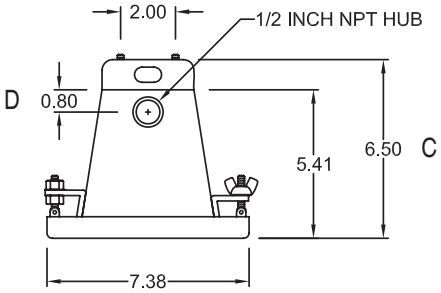
Adjustable Mounting Bracket

Adjustable Mounting Bracket
(Includes two brackets)
Part #- 53068

Adjustable Mounting Bracket Kit
(Includes 2 beam clamps, 2 mounting brackets, 1 cord grip, 1 safety cable & assorted screws)
Part #- 53067

Fixture Dimensions





RFNK262 SERIES	Dimensions (inches)				Boxed Weight	Shipping Volume
	A	B	C	D		
4 ft. models	50.00	11.13	6.50	0.80	18 lbs.	2.0 cu. ft.
2 ft. models	24.00	11.13	6.50	0.80	13.5 lbs.	1.0 cu. ft.

LED

RFNK262

Linear LED Lighting for Hazardous Locations

Certification Guide

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Supply Wire Suitable Temperature, °C	Hub Size (NPT)
RFNK26207L4U	4 ft	74W	120V - 277V 50/60 Hz	7423	99	84	4100	-20°C < Tamb < 55°C	T6	105°C	1/2"
RFNK26206L2U	2 ft	56W	120V - 277V 50/60 Hz	5305	95	84	4100	-20°C < Tamb < 55°C	T6	105°C	1/2"

Candlepower Distribution

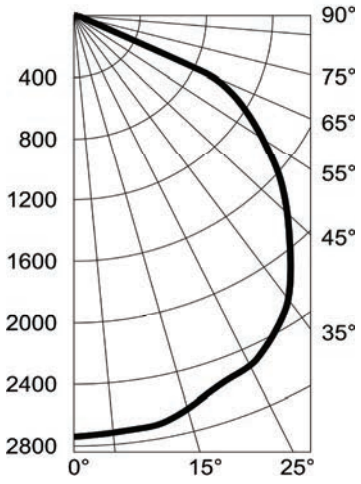
RFNK26207L4U

Deg.	0	15	30	45	60	75	90
0	2740	2740	2740	2740	2740	2740	2740
5	2724	2723	2730	2734	2731	2724	2723
10	2690	2691	2697	2697	2696	2693	2713
15	2635	2636	2641	2642	2643	2639	2650
20	2561	2559	2565	2573	2569	2572	2561
25	2463	2463	2472	2477	2490	2514	2514
30	2347	2346	2356	2377	2410	2407	2403
35	2211	2207	2225	2267	2267	2256	2255
40	2053	2046	2079	2103	2091	2055	2033
45	1874	1866	1919	1905	1845	1818	1821
50	1670	1664	1706	1653	1611	1610	1616
55	1447	1441	1469	1398	1389	1389	1391
60	1227	1232	1206	1175	1166	1176	1179
65	962	974	912	900	904	870	858
70	676	689	633	627	522	160	102
75	397	381	369	101	50	48	47
80	171	160	42	37	36	35	35
85	44	28	28	27	27	27	27
90	0	0	0	0	0	0	0

Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	100	93	86	81	98	91	85	80	87	83	78	84	80	77	81	78	75	73
3	92	82	74	68	89	80	73	67	77	71	66	75	69	65	72	68	64	62
4	84	73	64	58	82	71	63	57	69	62	57	67	61	56	64	59	55	53
5	77	65	56	50	75	64	56	50	62	55	49	60	53	48	58	52	48	46
6	71	58	50	43	70	58	49	43	56	48	43	54	48	43	53	47	42	40
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	33	32
9	58	44	36	31	56	44	36	31	43	36	31	42	35	30	41	35	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	26

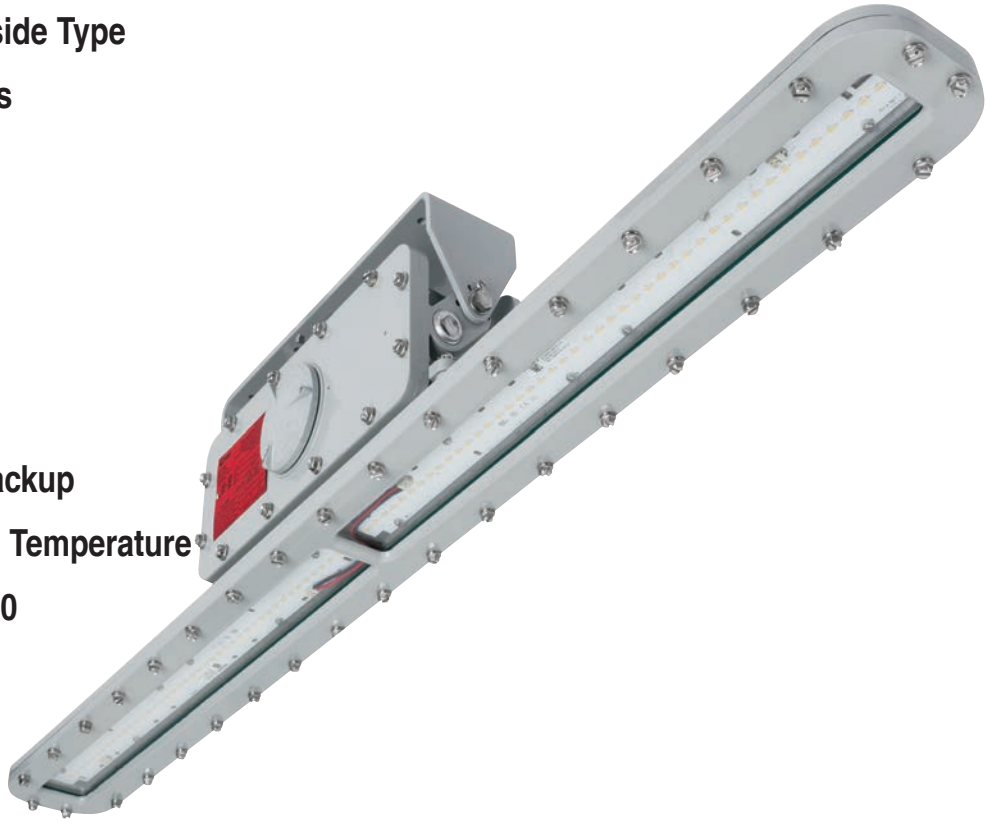
Photometric Data



XML LED

Explosionproof Linear LED Lighting

- Class I, Division 1, Groups C & D
- Class I, Division 2, Groups C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Simultaneous Presence
- IEC Ex d Zone 1 Equivalent
- UL 924 Emergency Lighting
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- NEMA 4X, 7CD
- CUL
- IP66
- UL 8750 LED Safety
- Paint Spray Booth
- Emergency Battery Backup
- -40ºC to 65ºC Ambient Temperature
- Tested to LM79 & LM80



MARINE UL LISTED c UL US LISTED

AZZ™

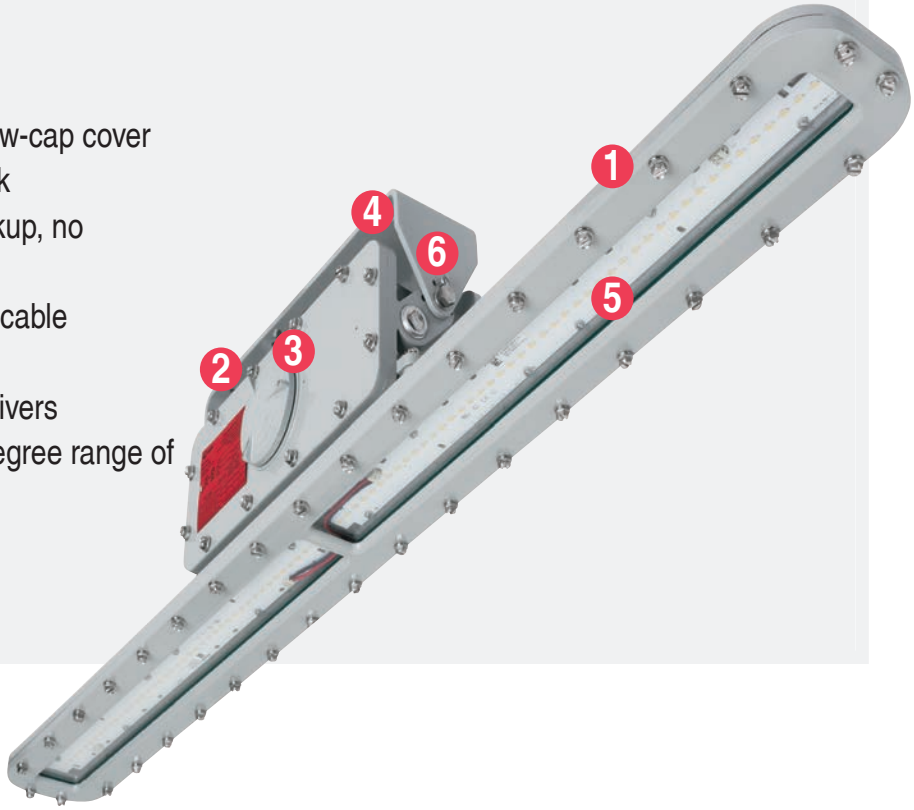
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XML LED

Explosionproof Linear LED Lighting

Key Features:

1. Low-profile, lightweight design
2. Convenient wiring access through screw-cap cover with toolless, cage clamp terminal block
3. Self-contained emergency battery backup, no additional junction box required
4. Heavy-duty, 7/16" thick die-cast safety cable attachment points
5. Replaceable LED circuit boards and drivers
6. Adjustable Mounting bracket with 90 degree range of motion and 13 locking positions



Additional Features:

- Standard 10kV surge protection, non EM models
- 4kV surge protection, EM models
- Central Safety cable attachment points for increased safety/reduced range of motion
- Feed-through and pendant mount capable
- Diffused lens option
- 5-year warranty

Standard Materials:

- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: One-piece neoprene
- Lens: Tempered glass
- Hardware: Stainless Steel

XML

Explosionproof Linear LED Lighting

Catalog Number Logic

XML 07 - L - C - 4 - U - XX

1 2 3 4 5 6 7

1 Series
XML LED[1]

2 LAMP WATTAGE
04 = 40 Watt (2 ft.)
05 = 45 Watt (2 ft.)
07 = 75 Watt (4 ft.)
09 = 87 Watt (4 ft.)

3 LAMP TYPE
L = LED (4000 K CCT)

4 LENS
C = Clear
D = Diffused

5 NOMINAL FIXTURE LENGTH
2 = 2 Foot
4 = 4 Foot

6 VOLTAGE/FREQUENCY
U = 120 Thru 277V 50/60 HZ
N = 347/480V 60 HZ
A = 120V 60 HZ
B = 220 - 240V 50/60 HZ
C = 277V 60 HZ

7 OPTIONS
RIG = Mounting Bracket & (2) Safety Cables
MB = Mounting Bracket Ceiling or Wall
HA = High Ambient 65°C Rated (4ft. Model Only)
EM = Emergency Battery Backup (Not Available with 347/480V)
FB = Fuse Block[2]
PB = Push to Test Switch for EM Option Only
30 = 3000K (CCT)
35 = 3500K (CCT)
50 = 5000K (CCT)

[1] FB is not available with 347/480V 60HZ
[2] Specify Voltage when option FB is needed. When option FB is selected, one fuse is provided for 120 and 277V. Two fuses are provided for 220-240V and 480V. Fuse option not available for marine listed fixtures, or for fixtures listed for use in Canada.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

XML

Explosionproof Linear LED Lighting

Certification Guide

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Comparable Fluorescent Luminaire	Ambient Temperature	Class I, Div. 1, Group C & D	Class II, Div. 1. Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C
XML04LD2U	2 ft	40W	120V - 277V 50/60 Hz	2815	84.7	82	4071	2 X 24W T5H0 / 2 X 35W T12H0	-40°C < Tamb < 55°C	T6	T6	T6	90°C
XML04LD2N	2 ft	40W	347V/480V 60 Hz	2815	84.7	82	4071	2 X 24W T5H0 / 2 X 35W T12H0	-40°C < Tamb < 55°C	T6	T6	T6	90°C
XML05LD2U	2 ft	45W	120V - 277V 50/60 Hz	4160	98.3	83	3983	3 X 24W T5H0 / 3 X 35W T12H0	-40°C < Tamb < 50°C	T6	T6	T6	90°C
XML05LD2N	2 ft	45W	347V/480V 60 Hz	4160	98.3	83	3983	3 X 24W T5H0 / 3 X 35W T12H0	-40°C < Tamb < 50°C	T6	T6	T6	90°C
XML07LD4U	4 ft.	80W	120V - 277V 50/60 Hz	5836	85.2	82	4183	2 X 54W T5H0 / 2 X 60W T12H0	-35°C < Tamb < 60°C	T6	T6	T6	90°C
XML07LD4N	4 ft.	80W	347V/480V 60 Hz	5836	85.2	82	4183	2 X 54W T5H0 / 2 X 60W T12H0	-35°C < Tamb < 60°C	T6	T6	T6	90°C
XML07LD4U-HA	4 ft.	80W	120V - 277V 50/60 Hz	5836	85.2	82	4183	2 X 54W T5H0 / 2 X 60W T12H0	-30°C < Tamb < 65°C	T6	T5	T5	90°C
XML09LD4U	4 ft.	87W	120V - 277V 50/60 Hz	8463	97.2	83	4096	3 X 54W T5H0 / 3 X 60W T12H0	-35°C < Tamb < 60°C	T6	T6	T6	90°C
XML09LD4N	4 ft.	87W	347V/480V 60 Hz	8463	97.2	83	4096	3 X 54W T5H0 / 3 X 60W T12H0	-35°C < Tamb < 60°C	T6	T6	T6	90°C

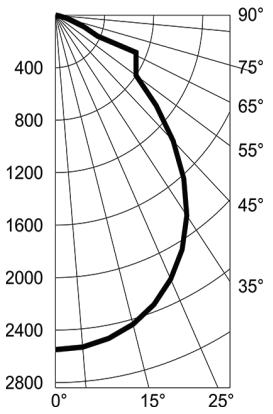
Coefficients of Utilization

XML07LD4UXX

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	6746	6746	6746	6746	6589	6589	6589	6589	6589	6296	6296	6028	6028	6028	5782	5782	5782	5667
1	6257	6026	5819	5633	6108	5900	5712	5542	5662	5509	5368	5445	5320	5205	5244	5145	5052	4939
2	5760	5351	5012	4727	5618	5247	4936	4672	5051	4790	4565	4870	4653	4463	4703	4525	4366	4252
3	5303	4769	4357	4028	5169	4683	4300	3992	4519	4192	3924	4368	4090	3857	4227	3993	3793	3679
4	4892	4276	3825	3480	4768	4203	3782	3457	4066	3700	3411	3938	3622	3366	3819	3548	3323	3209
5	4525	3857	3389	3044	4412	3795	3356	3028	3679	3293	2997	3571	3232	2966	3470	3174	2936	2824
6	4198	3498	3029	2692	4095	3446	3003	2680	3348	2953	2658	3256	2904	2636	3169	2858	2614	2505
7	3907	3191	2727	3402	3813	3147	2706	2394	3062	2666	2377	2983	2627	2361	2909	2589	2345	2239
8	3647	2926	2473	2161	3562	2888	2456	2155	2815	2423	2143	2747	2391	2130	2683	2360	2118	2016
9	3415	2696	2256	1958	3338	2663	2242	1953	2600	2214	1944	2541	2188	1935	2485	2162	1926	1827
10	3208	2496	2069	1786	3138	2467	2058	1782	2412	2035	1775	2361	2013	1768	2312	1992	1760	1666

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	2549	2549	2549	2549	2549
5	2540	2513	2531	2537	2539
10	2504	2507	2495	2501	2501
15	2443	2446	2433	2438	2439
20	2355	2357	2342	2346	2346
25	2237	2239	2222	2223	2220
30	2086	2089	2069	2066	2063
35	1900	1903	1880	1872	1865
40	1678	1679	1654	1636	1626
45	1428	1427	1395	1370	1357
50	1162	1161	1123	1090	1071
55	907	903	862	822	801
60	689	683	640	593	569
65	513	505	460	406	379
70	376	366	316	257	231
75	265	251	193	131	110
80	168	149	73	35	28
76	36	9	6	6	6
90	2	1	1	1	1
95	0	0	0	0	0



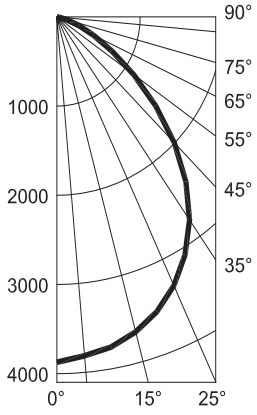
Coefficients of Utilization

XML09LD4UXX

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	10046	10046	10046	10046	9812	9812	9812	9812	9376	9376	9376	8977	8977	8977	8610	8610	8610	8438
1	9329	8989	8685	8411	9107	8801	8525	8275	8449	8223	8016	8125	7942	7773	7826	7681	7545	7378
2	8597	7994	7496	7077	8386	7839	7382	6994	7548	7165	6834	7280	6962	6682	7032	6770	6536	6368
3	7920	7134	6526	6041	7723	7005	6442	5988	6762	6281	5885	6538	6129	5786	6329	5985	5690	5521
4	7311	6402	5736	5228	7128	6294	5673	5193	6090	5551	5124	5901	5435	5057	5724	5324	4992	4824
5	6766	5778	5088	4578	6598	5687	5039	4554	5515	4944	4507	5354	4854	4461	5205	4767	4415	4250
6	6280	5244	4550	4051	6127	5167	4511	4034	5021	4436	4001	4884	4365	3968	4756	4295	3935	3774
7	5845	4786	4099	3618	5706	4720	4068	3606	4595	4008	3581	4477	3950	3557	4367	3894	3533	3376
8	5458	4390	3718	3257	5332	4333	3693	3248	4226	3644	3229	4124	3597	3211	4029	3551	3193	3042
9	5112	4046	3393	2953	4997	3997	3373	2946	3904	3332	2931	3816	3293	2918	3733	3255	2904	2758
10	4802	3746	3114	2694	4698	3704	3097	2688	3622	3063	2677	3546	3030	2666	3473	2998	2656	2516

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	3872	3872	3872	3872	3872
5	3970	3873	3824	3822	3814
10	3910	3814	3766	3764	3758
15	3810	3715	3668	3664	3656
20	3667	3573	3528	3523	3515
25	3477	3389	3344	3334	3324
30	3236	3155	3113	3093	3079
35	2945	2867	2825	2794	2778
40	2600	2529	2482	2437	2411
45	2209	2145	2089	2027	1994
50	1801	1743	1673	1593	1546
55	1410	1358	1276	1176	1123
60	1070	1023	932.6	817.1	757
65	796.3	755	654.8	533	482.2
70	581.4	543.1	430.6	319.2	279.7
75	407.3	366.9	241.1	149.2	121.4
80	255.4	205.9	78.8	37.8	33.1
76	113.7	37.1	13.3	11.4	10.6
90	0	0	0	0	0
95	0	0	0	0	0



LED

XML

Explosionproof Linear LED Lighting

Certification Guide

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Comparable Fluorescent Luminaire	Ambient Temperature	Class I, Div. 1, Group C & D	Class II, Div. 1. Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C
XML04LC2U	2 ft	40W	120V - 277V 50/60 Hz	3654	109.9	82	4096	2 X 24W T5H0 / 2 X 35W T12H0	-40°C < Tamb < 55°C	T6	T6	T6	90°C
XML04LC2N	2 ft	40W	347V/480V 60 Hz	3654	109.9	82	4096	2 X 24W T5H0 / 2 X 35W T12H0	-40°C < Tamb < 55°C	T6	T6	T6	90°C
XML05LC2U	2 ft	45W	120V - 277V 50/60 Hz	5364	126.4	84	3975	3 X 24W T5H0 / 3 X 35W T12H0	-40°C < Tamb < 50°C	T6	T6	T6	90°C
XML05LC2N	2 ft	45W	347V/480V 60 Hz	5364	126.4	84	3975	3 X 24W T5H0 / 3 X 35W T12H0	-40°C < Tamb < 50°C	T6	T6	T6	90°C
XML07LC4U	4 ft.	80W	120V - 277V 50/60 Hz	7743	112.9	82	4107	2 X 54W T5H0 / 2 X 60W T12H0	-35°C < Tamb < 60°C	T6	T6	T6	90°C
XML07LC4N	4 ft.	80W	347V/480V 60 Hz	7743	112.9	82	4107	2 X 54W T5H0 / 2 X 60W T12H0	-35°C < Tamb < 60°C	T6	T6	T6	90°C
XML07LC4U-HA	4 ft.	80W	120V - 277V 50/60 Hz	7743	112.9	82	4107	2 X 54W T5H0 / 2 X 60W T12H0	-30°C < Tamb < 65°C	T6	T5	T5	90°C
XML09LC4U	4 ft.	87W	120V - 277V 50/60 Hz	11450	131.3	83	4000	3 X 54W T5H0 / 3 X 60W T12H0	-35°C < Tamb < 60°C	T6	T6	T6	90°C
XML09LC4N	4 ft.	87W	347V/480V 60 Hz	11450	131.3	83	4000	3 X 54W T5H0 / 3 X 60W T12H0	-35°C < Tamb < 60°C	T6	T6	T6	90°C

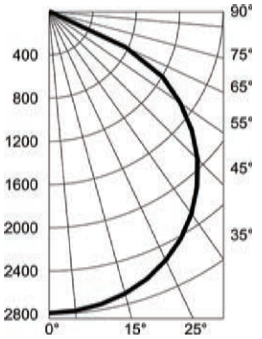
Coefficients of Utilization

XML07LC4UXX

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	8995	8995	8995	8995	8786	8786	8786	8786	8396	8396	8396	8038	8038	8038	7710	7710	7710	7556
1	8318	7999	7713	7455	8117	7829	7570	7334	7512	7299	7104	7220	7048	6888	6952	6814	6685	6533
2	7611	7039	6565	6167	7418	6898	6463	6094	6635	6269	5954	6391	6087	5820	6166	5916	5692	5536
3	6960	6212	5632	5171	6778	6094	5557	5125	5873	5413	5035	5668	5277	4949	5478	5148	4765	4707
4	6380	5515	7882	4399	6211	5417	4825	4368	5230	4716	4309	5056	4611	4251	4895	4512	4195	4037
5	5869	4931	4276	3793	5713	4848	4232	3772	4689	4147	3731	4543	4065	3691	4405	3987	3652	3496
6	5418	4439	6782	3311	5276	4368	3748	3296	4233	3680	3267	4108	3615	3239	3990	3553	3211	3059
7	5021	4023	3376	2922	7892	3962	3348	2911	3847	3293	2890	3739	3241	2869	3637	3190	2849	2702
8	4671	3668	3037	2604	4554	3616	3015	2596	3517	2970	2580	3424	2927	2565	3336	2886	2549	2407
9	4362	3364	2753	2341	4255	3319	2734	2334	3233	2698	2322	3152	2662	2310	3076	2627	2298	2162
10	4087	3102	2512	2120	3991	3063	2496	2115	2988	2466	2105	2917	2436	2096	2851	2407	2087	1956

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	2790	2790	2790	2790	2790
5	2797	2784	2772	2781	2779
10	2771	2756	2745	2753	2749
15	2724	2709	2696	2706	2701
20	2656	2640	2625	2635	2632
25	2565	2578	2533	2542	2538
30	2445	2434	2419	2426	2424
35	2301	2293	2283	2286	2283
40	2134	2129	2118	2120	2115
45	1941	1943	1929	1933	1930
50	1732	1734	1720	1720	1716
55	1494	1502	1481	1477	1474
60	1236	1245	1217	1214	1206
65	955	968	933	913	778
70	670	680	633	64	49
75	393	392	47	35	35
80	170	148	25	23	23
85	37	13	11	9	9
90	1	1	1	1	1
95	0	0	0	0	0



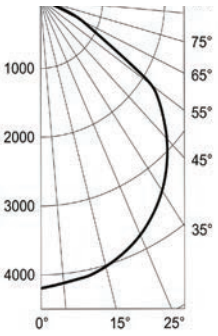
Coefficients of Utilization

XML09LC4UXX

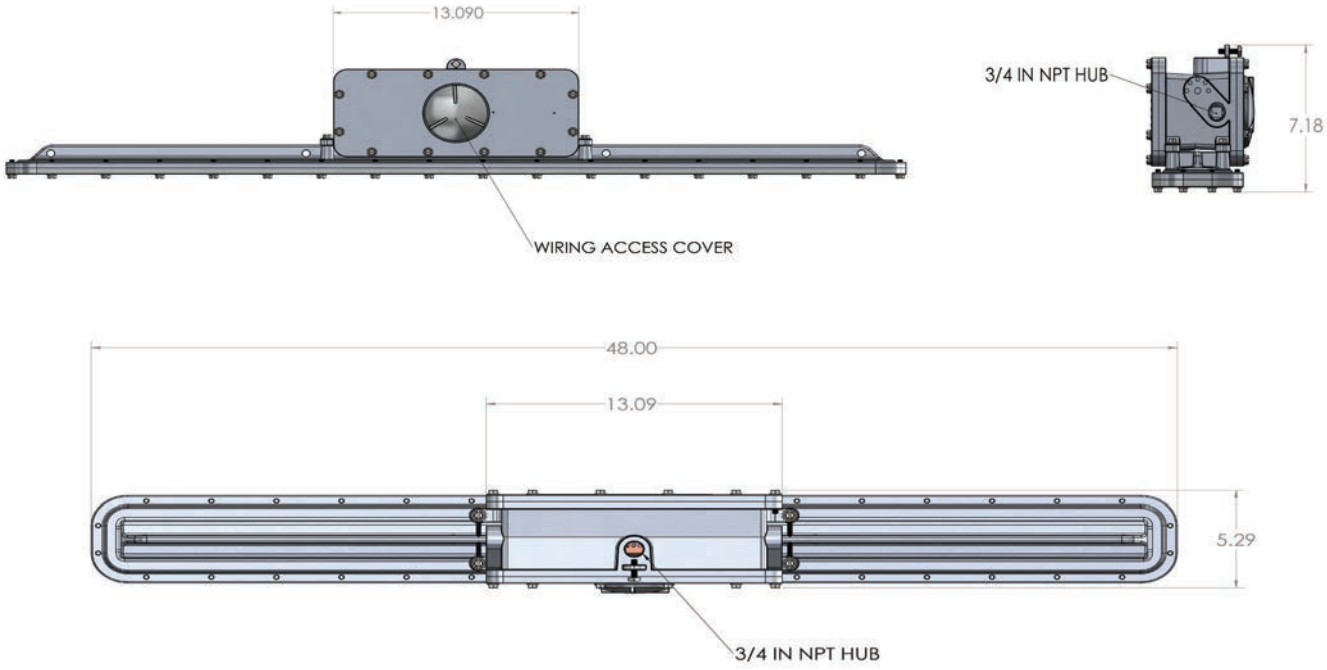
% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	13269	13269	13269	13269	12960	12960	12960	12960	12384	12384	12384	11857	11857	11857	11373	11373	11373	11146
1	12280	11815	11397	11021	11985	11565	11186	10843	11097	10787	10502	10668	10416	10183	10272	10071	9883	9660
2	11250	10415	9724	9142	10967	10208	9573	9035	9820	9287	8827	9462	9018	8628	9131	8765	8439	8210
3	10299	9206	8360	7685	10031	9033	8249	7617	8707	8036	7484	8406	7835	7356	8126	7645	7232	7000
4	9449	8184	7259	6551	9200	8039	7175	6506	7764	7013	6418	7509	6859	6333	7272	6712	6249	6018
5	8696	7325	6366	5658	8468	7202	6301	5628	6969	6175	5567	6753	6055	5508	6550	5940	5450	5222
6	8032	6598	5636	4946	7823	6494	5585	4924	6296	5485	4881	6111	5390	4839	5938	5298	4797	4575
7	7445	5982	5033	4369	7256	5893	4992	4353	5723	4912	4321	5564	4835	4290	5415	4760	4260	4044
8	6928	5456	4531	3895	6756	5380	4497	3884	5234	4432	3860	5097	4369	3837	4968	4308	3814	3606
9	6469	5005	4108	3503	6313	4939	4080	3493	4813	4026	3475	4694	3974	3458	4581	3923	3440	3240
10	6062	4615	3749	3173	5921	4558	3726	3166	4448	3681	3152	4344	3637	3138	4246	3594	3124	2932

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	4196	4196	4196	4196	4196
5	4314	4202	4144	4146	4136
10	4267	4155	4101	4102	4095
15	4190	4079	4028	4026	4018
20	4081	3971	3923	3919	3912
25	3935	3831	3787	3782	3777
30	3748	3656	3621	3609	3603
35	3527	3438	3418	3403	3396
40	3272	3192	3173	3158	3148
45	2975	2907	2890	2880	2865
50	2657	2588	2566	2561	2546
55	2290	2237	2199	2194	2172
60	1898	1854	1801	1586	1177
65	1464	1437	1349	750.3	740.5
70	1023	994	535.9	447.1	239.9
75	605	578.3	247.6	59	58.8
80	259.5	149.2	41.8	38.3	36.8
85	56.9	20.7	17	15.2	14.3
90	1.9	1.4	1	0.8	0.7
95	0	0	0	0	0



Fixture Dimensions (inches)



XML SERIES	Dimensions (inches)	Boxed Weight	Shipping Volume
	A		
4 ft. models	48.00	36 lbs.	1.47 cu. ft.
2 ft. models	24.00	26.5 lbs.	.76 cu. ft.

Accessories



Mounting Bracket
Ceiling or Wall
Catalog Number: 26897
Shipping Weight: 2 lbs.



Beam Clamp
Catalog Number: 38083
Shipping Weight: 1.25 lbs.



Beam Clamp Mounting Kit
Catalog Number: 53010
Shipping Weight: 3 lbs.



Safety Cable
Catalog Number: 10128R
Shipping Weight: 1 lb.

XP LED

Explosionproof Linear LED Lighting

- Class I, Division 1, Groups C & D
- Class I, Division 2, Groups C & D
- Class II, Division 1 & 2, Groups E, F & G
- Class III
- Class I, Zone 1, Groups IIA and IIB
- Class I, Zone 2, Groups IIA, IIB and IIC
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- Simultaneous Presence
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- NEMA 4X, 7CD & 9EFG
- CUL
- IP66
- UL 8750 LED Safety
- Paint Spray Booth
- Emergency Battery Backup
- 55ºC Ambient Temperature
- Tested to LM 79 & LM 80
- Patent Pending



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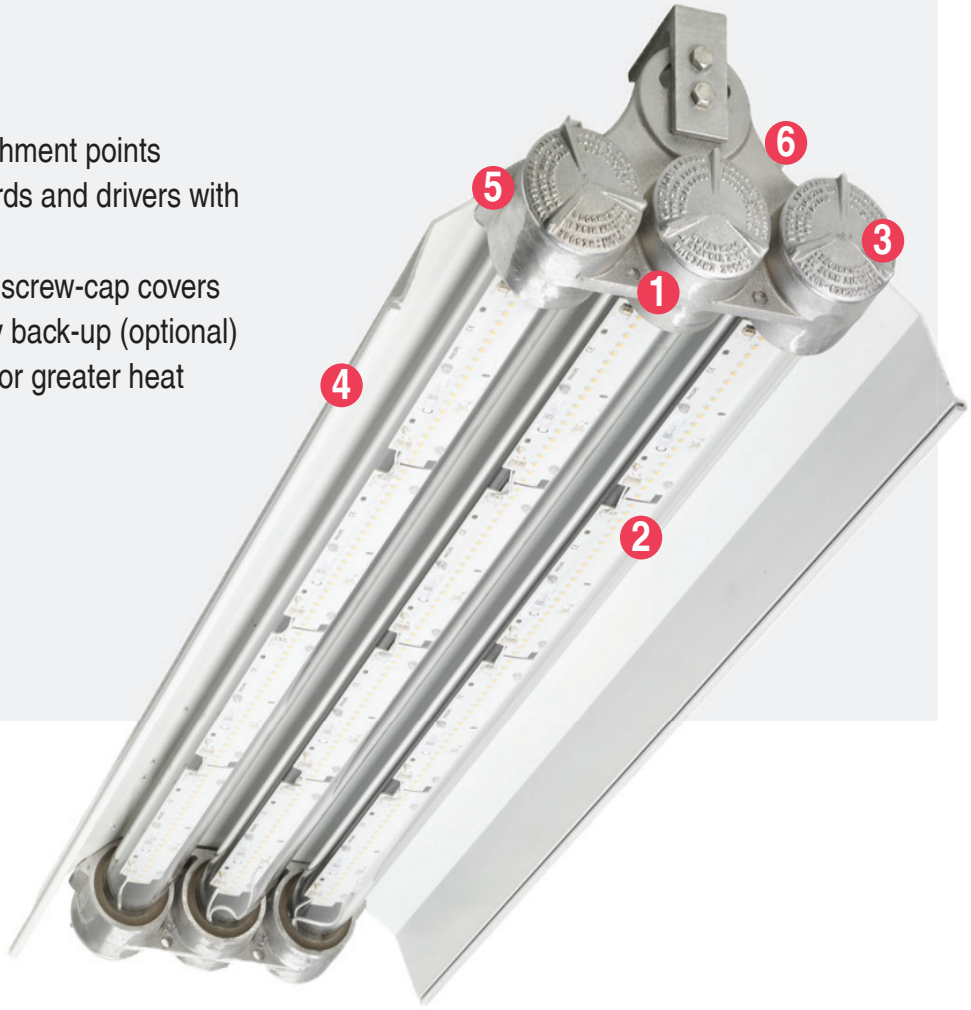
XP LED

XP LED

Explosionproof Linear LED Lighting

Key Features:

1. Two permanent safety cable attachment points
2. Field replaceable LED circuit boards and drivers with quick disconnects
3. Convenient wiring access though screw-cap covers
4. Self-contained emergency battery back-up (optional)
5. Oversized, finned driver housing for greater heat dissipation
6. Factory Sealed



Additional Features:

- Three mounting positions 45°/90°/45°, mounting bracket included
- Shock mount and beam clamp mounting options
- 2-, 3- or 4-tube versions available
- Dimming and outboard options
- 2.5 kV Surge protection
- 5-year warranty

Standard Materials:

- Body: A361 aluminum (less than .4% copper content)
- Reflector: 6063T5 aluminum (less than .4% copper content) with baked-on white epoxy finish
- Lens: Borosilicate glass
- Hardware: Stainless Steel

Catalog Number Logic

XP 75L - 4 - 3L - U - XX

1 2 3 4 5 6

1 BASIC LUMINAIRE

XP LED
Class I, Division 1, Groups C & D
Class I, Division 2, Groups C & D
Class II, Division 1, Groups E, F & G
Class III
Simultaneous Presence
NEMA 4X, 7CD, 9EFG
UL 1598
UL 1598A
UL 844
UL 8750
UL 924
cUL
IP66
55°C Ambient Temperature
Class I, Zone 1, Groups IIA & IIB
Class I, Zone 2, Groups IIA, IIB & IIC
Suitable for Inside Paint Spray Booth
Patent Pending
Tested to LM 79 & LM 80

2 LAMP CURRENT/LAMP WATTAGE

30L = 30 Watt LED (2 ft. 2 tube)[3]
40L = 40 Watt LED (2 ft. 3 tube)[4]
50L = 46 Watt LED (4 ft. 2 tube)
75L = 73 Watt LED (4 ft. 3 tube)
100L = 93 Watt LED (4 ft. 4 tube)

3 NOMINAL FIXTURE LENGTH

2 = 2 Foot
4 = 4 Foot

4 NUMBER OF LAMPS

2L = 2 Tubes
3L = 3 Tubes
4L = 4 Tubes

5 VOLTAGE/FREQUENCY

U = 120 thru 277V 50/60 HZ

6 OPTIONS[1]

EM = Emergency Battery Backup
EMO = Emergency Operation Only[5]
D = Dimmable (0-10 Volt)
F = Inline Fuse (External)[2]
OB = Out Board Option
35 = 3500K (CCT)
50 = 5000K (CCT)

[1] Consult factory for pricing.
[2] Fuse option not available for marine listed fixtures.
[3] 2 ft. two tube fixtures available with EMO option only.
[4] EM or EMO option not available with 2 ft. 3 tube fixture
[5] EMO option available for 2 ft. 2 tube fixture only.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

Two Tube XP

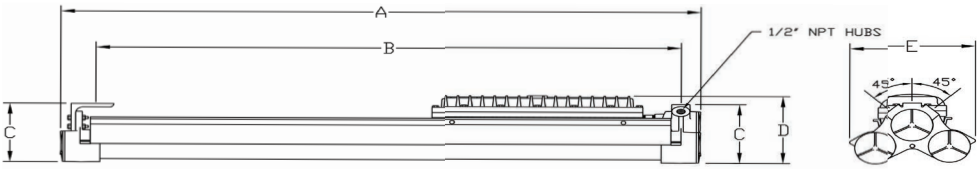
Certification Guide

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 1, Group C & D	Class II, Div. 1. Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C	Hub Size	Shipping Weight (lbs)
XP30L22LU	2 ft	30W	120V - 277V 50/60 Hz	2783	105	84	3965	-20°C < Tamb < 55°C	T6	T4A	T4A	75°C	1/2 in. NPT	40
XP50L42LU	4 ft	46W	120V - 277V 50/60 Hz	5450	116	84	4097	-20°C < Tamb < 55°C	T6	T4A	T4A	75°C	1/2 in. NPT	65



Two Tube Fixture	Description	Hub Size (inches)	Voltage	Catalog Number
Four Foot	46 Watt LED- 48"	1/2	120-277V 50/60 HZ	XP50L-4-2L-U
Two Foot	30 Watt LED- 24"	1/2	120-277V 50/60 HZ	XP30L-2-2L-U

2 Tube Fixture Dimensions (inches)



XP SERIES TWO TUBE FIXTURE	Dimensions (inches)					Boxed Weight	Shipping Volume
	A	B	C	D	E		
4 ft. models	53	48.5	6.5	7	11.5	65 lbs.	4.7 cu. ft.
2 ft. models	29	24.5	6.5	7	11.5	40 lbs.	3.1 cu. ft.

Add 5/8 inch to fixture height and 1/4 inch to width when wire guard is used.

Coefficients of Utilization

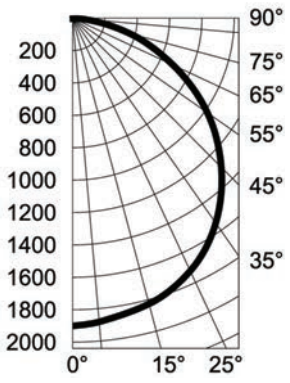
XP50L-4-2L

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10		
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	72
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46
6	70	57	48	41	68	56	47	41	54	46	41	52	46	40	51	45	40
7	65	51	43	37	63	51	42	36	49	42	36	48	41	36	46	40	36
8	60	47	38	33	59	46	38	32	45	37	32	44	37	32	42	36	32
9	56	43	35	29	55	42	35	29	41	34	29	40	34	29	39	33	29
10	53	40	32	26	52	39	32	26	38	31	26	37	31	26	36	30	26

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	1900	1900	1900	1900	1900
5	1900	1893	1883	1878	1882
15	1839	1832	1818	1815	1826
25	1720	1711	1727	1716	1722
35	1547	1541	1552	1554	1544
45	1296	1308	1317	1304	1301
55	988	1018	1023	1022	1018
65	612	657	687	689	686
75	244	318	343	355	364
85	13	52	40	46	46
90	0	3	3	5	4

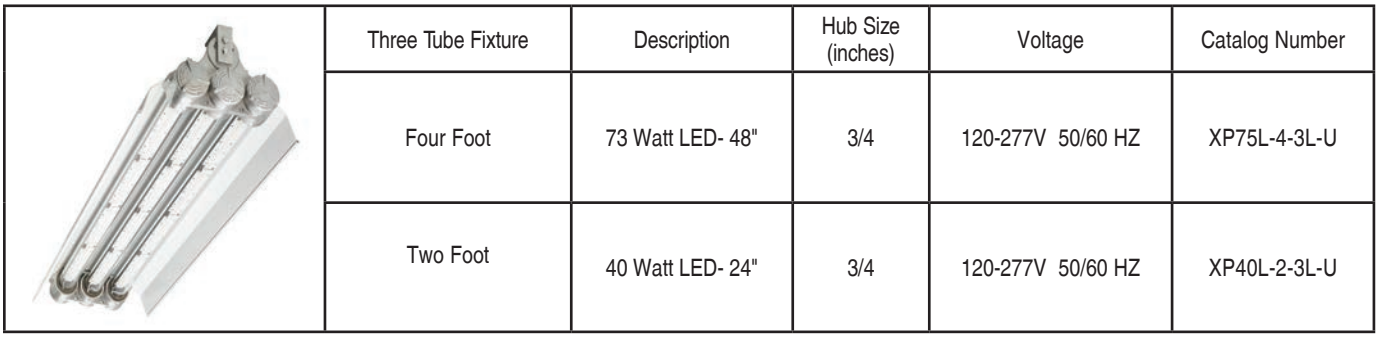
LED Photometrics



Three Tube XP

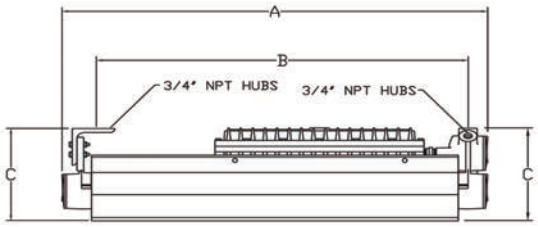
Certification Guide

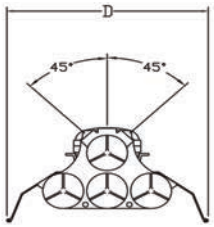
Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 1, Group C & D	Class II, Div. 1. Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C	Hub Size	Shipping Weight (lbs)
XP40L23LU	2 ft	40W	120V - 277V 50/60 Hz	4110	103	84	4100	-20°C < Tamb < 55°C	T6	T5	T5	75°C	3/4 in. NPT	47
XP75L43LU	4 ft	73W	120V - 277V 50/60 Hz	8220	112	84	4122	-20°C < Tamb < 55°C	T6	T5	T5	75°C	3/4 in. NPT	78



Three Tube Fixture	Description	Hub Size (inches)	Voltage	Catalog Number
Four Foot	73 Watt LED- 48"	3/4	120-277V 50/60 HZ	XP75L-4-3L-U
Two Foot	40 Watt LED- 24"	3/4	120-277V 50/60 HZ	XP40L-2-3L-U

3 Tube Fixture Dimensions (inches)





XP SERIES THREE TUB FIXTURE	Dimensions (inches)				Boxed Weight	Shipping Volume
	A	B	C	D		
4 ft. models	53	48.5	8.94	16.63	78 lbs.	10.5 cu. ft.
2 ft. models	29	24.5	8.94	16.63	47 lbs.	5.5 cu. ft.

Add 5/8 inch to fixture height and 1/4 inch to width when wire guard is used.

Coefficients of Utilization

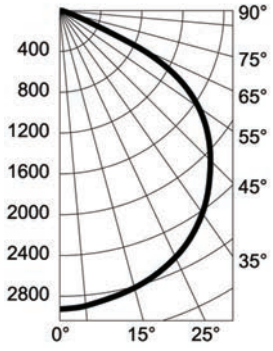
XP75L-4-3L

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10		
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74
3	91	81	73	67	89	80	72	66	77	70	65	74	69	64	71	67	63
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54
5	77	64	55	49	75	63	55	49	61	54	48	59	53	48	57	52	47
6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41
7	66	52	44	38	64	52	43	37	50	43	37	49	42	37	47	41	37
8	61	48	39	33	60	47	39	33	46	38	33	44	38	33	43	37	33
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	2925	2925	2925	2925	2925
5	2926	2926	2914	2903	2904
15	2833	2839	2821	2810	2812
25	2657	2660	2656	2670	2667
35	2391	2399	2423	2421	2423
45	2014	2053	2076	2077	2077
55	1550	1613	1647	1655	1651
65	988	1081	1128	800	801
75	414	531	406	189	84
85	31	29	33	33	31
90	0	10	7	3	0

LED Photometrics



Four Tube XP

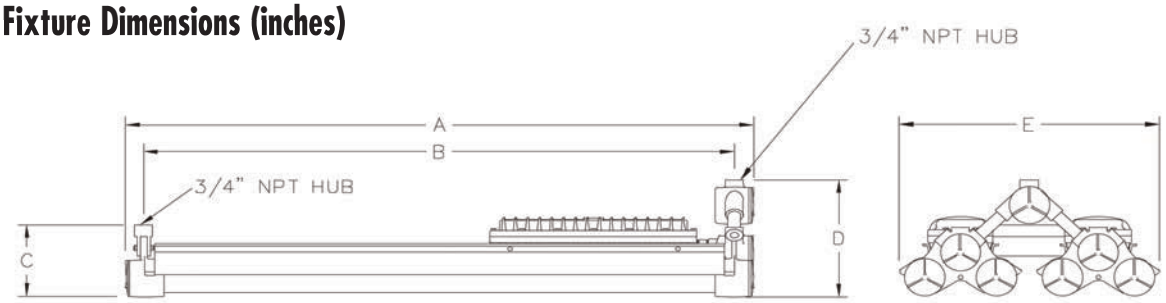
Certification Guide

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 1, Group C & D	Class II, Div. 1. Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C	Hub Size	Shipping Weight (lbs)
XP100L44LU	4 ft	93W	120V - 277V 50/60 Hz	10918	117	84	4153	-20°C < Tamb < 55°C	T6	T4A	T4A	75°C	3/4 in. NPT	138



Four Tube Fixture	Description	Hub Size (inches)	Voltage	Catalog Number
Four Foot	93 Watt LED- 48"	3/4	120-277V 50/60 HZ	XP100L-4-4L-U

4 Tube Fixture Dimensions (inches)



XP SERIES FOUR TUBE FIXTURE	Dimensions (inches)					Boxed Weight	Shipping Volume
	A	B	C	D	E		
4 ft. models	53	49.4	6.8	11.3	23.2	138 lbs.	10.8 cu. ft.

Coefficients of Utilization

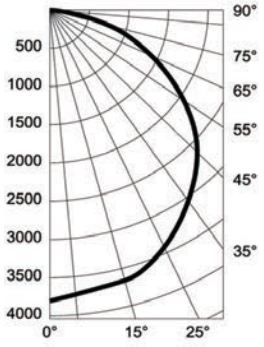
XP100L-4-4L

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10		
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	109	104	100	97	106	102	98	95	98	95	92	94	92	89	90	88	87
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	72
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53
5	76	63	54	47	74	62	54	47	60	52	47	58	51	46	56	50	46
6	70	57	48	41	68	56	47	41	54	46	41	52	46	40	51	45	40
7	65	51	43	36	63	51	42	36	49	41	36	48	41	36	46	40	36
8	60	47	38	32	59	46	38	32	45	37	32	44	37	32	42	36	32
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	29
10	53	40	32	26	52	39	31	26	38	31	26	37	31	26	36	30	26

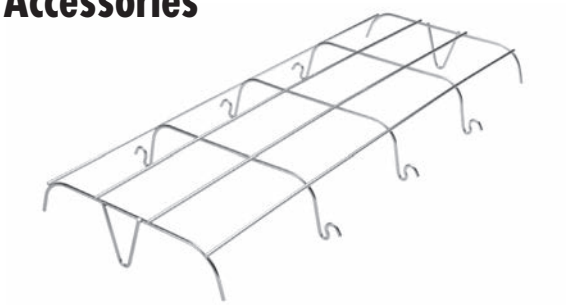
Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	3804	3804	3804	3804	3804
5	3797	3766	3744	3742	3734
15	3678	3626	3643	3663	3660
25	3448	3422	3451	3446	3421
35	3103	3101	3077	3056	3048
45	2599	2618	2600	2629	2633
55	1984	2003	2097	2072	2066
65	1251	1329	1401	1417	1416
75	510	651	725	754	771
85	31	104	49	55	58
90	0	6	5	7	5

LED Photometrics



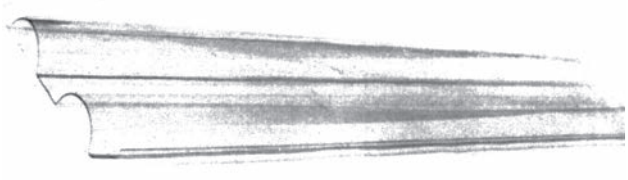
Accessories



STAINLESS STEEL GUARDS

DESCRIPTION	CATALOG NUMBER
2-Lamp 2-Ft. Fixtures	86321
2-Lamp 4-Ft. Fixtures	86320
3-Lamp 4-Ft. Fixtures	86345

Four Lamp Fixtures Require Two Cat. #86320 Guards



POLYCARBONATE SHIELDS

DESCRIPTION	CATALOG NUMBER
3-Lamp 2-Ft. Fixtures	86000
2-Lamp 2-Ft. Fixtures	86001
2-Lamp 4-Ft. Fixtures	86002
3-Lamp 4-Ft. Fixtures	86003*

Four Lamp Fixtures Require Two Cat. #86002 Shields.
*One 86345 guard required.



Wall/Ceiling Mounting Kit
Catalog Number: 53041 (For 2-lamp fixtures only)
Shipping Weight: 5 lbs.



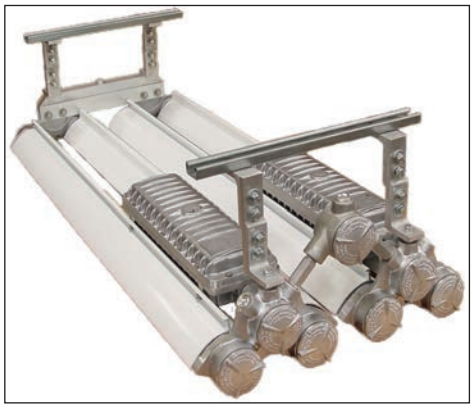
Shock Mounting Kit
Catalog Number: 53036 (For 2-lamp fixtures only)
Shipping Weight: 5 lbs.



Drop Mounting Kit
Catalog Number: 53037 (For 2-lamp fixtures only)
Shipping Weight: 5 lbs.



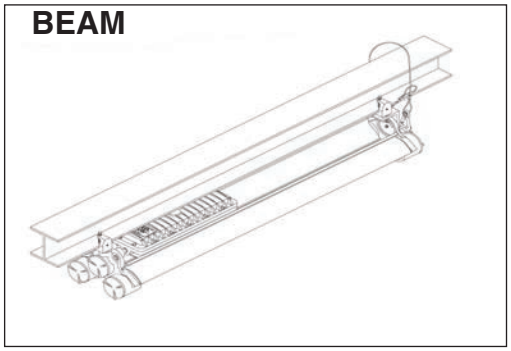
Beam Mounting Kit
Catalog Number: 53035 (For 2-lamp fixtures only)
Shipping Weight: 5 lbs.

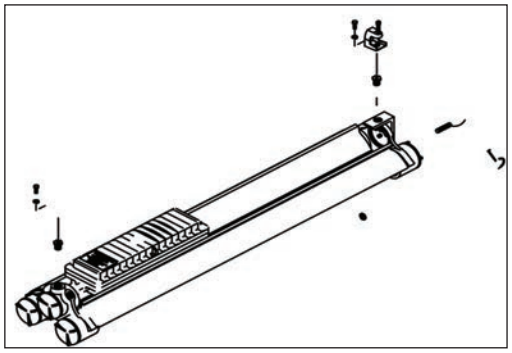


Unistrut Mounting Kit
Catalog Number: 53047 (For 4-lamp fixtures only)
Shipping Weight: 5 lbs.

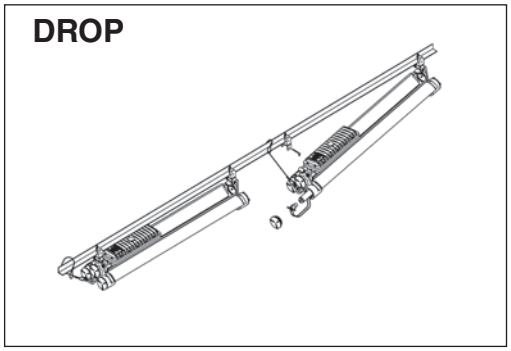
Typical Installations

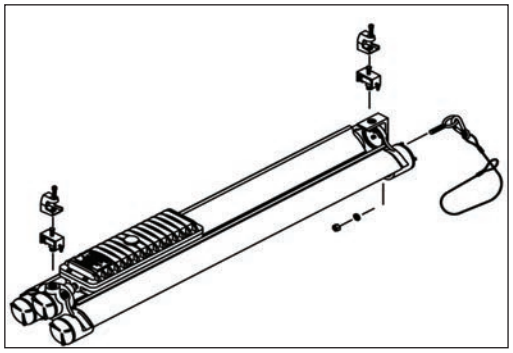
BEAM



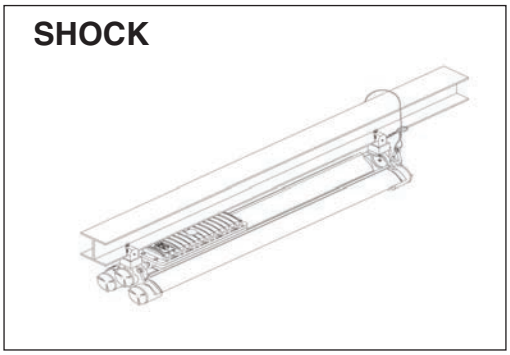


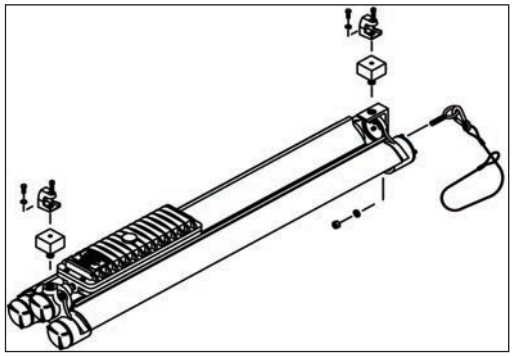
DROP



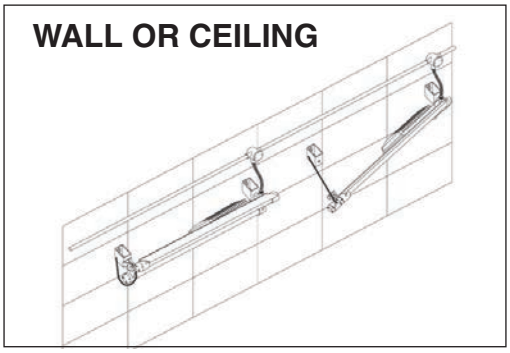


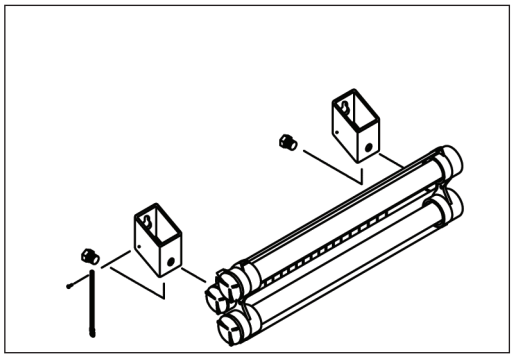
SHOCK





WALL OR CEILING



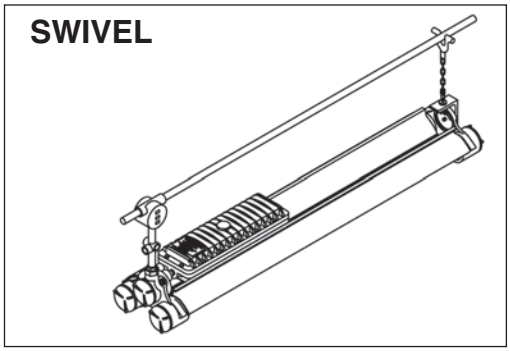


LED

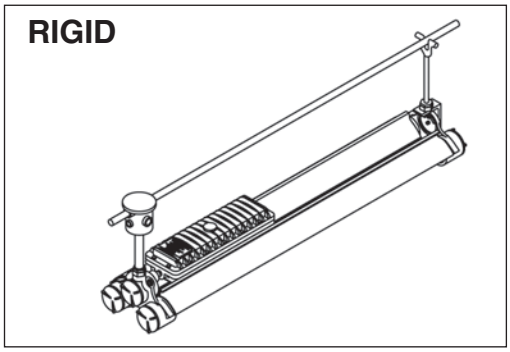
XP

Explosionproof Linear LED Lighting

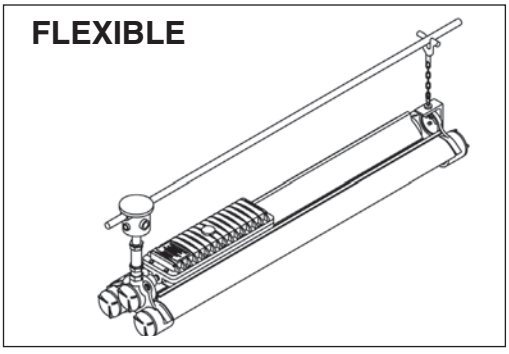
SWIVEL



RIGID



FLEXIBLE



FPF LED SERIES

Linear Non-Metallic Fixture for Food Processing

- NSF Certified Food Equipment
- High Pressure Hose Down
- UL 1598 Wet Locations
- UL 8750 LED Safety
- UL 924 Emergency Lighting
- CUL
- Non-Metallic LED Fixture
- Tested to LM 79, LM 80
- 85 CRI
- Available with Emergency Battery Backup



c UL us LISTED

NSF

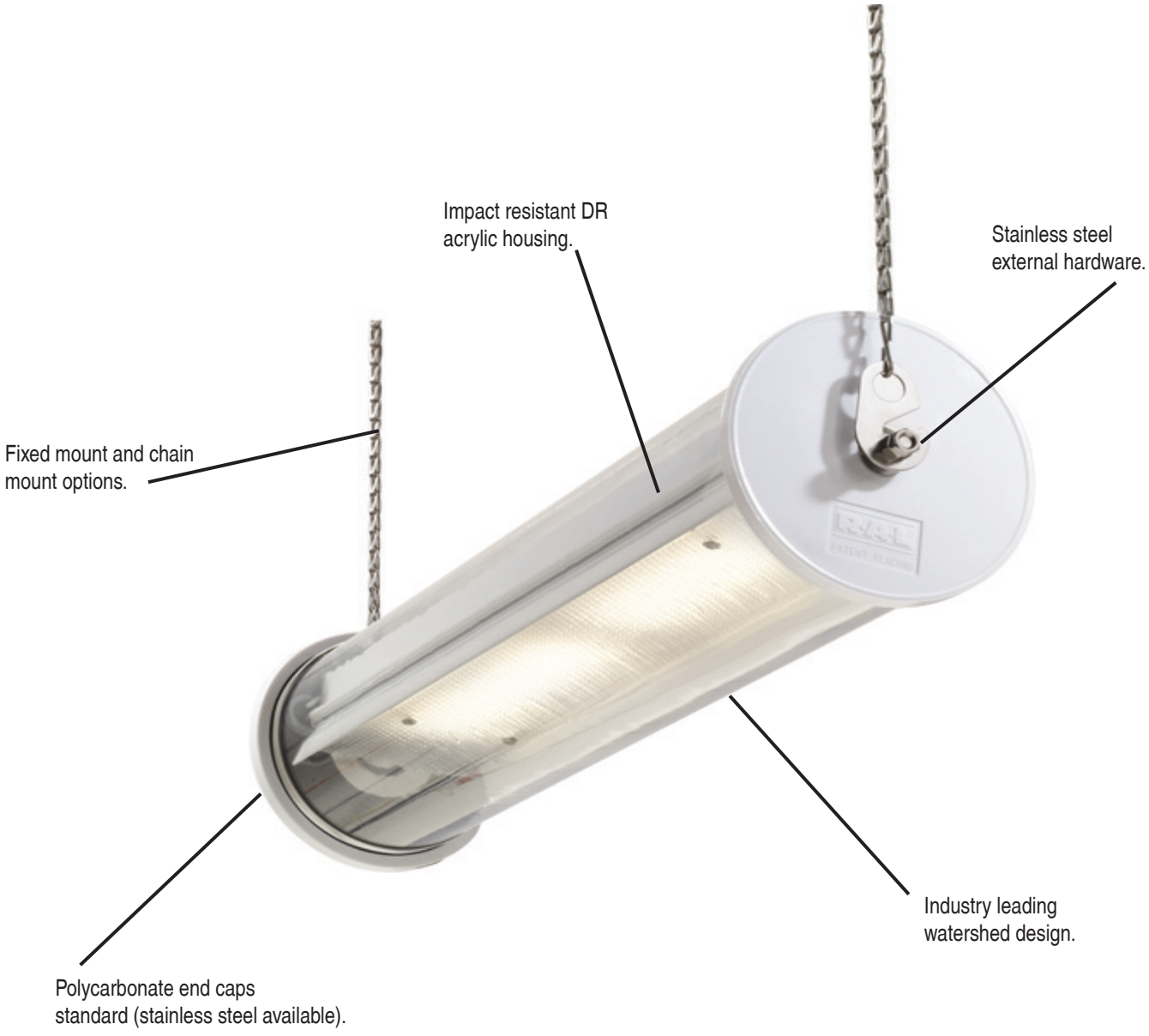
AZZ™

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FPF LED

FPF LED SERIES

Non-Metallic Fixture for Food Processing



- Indoor or outdoor use
- High pressure hose down

FPF LED Series

Non-Metallic Housing • UL 1598 Wet Locations • UL 8750 LED Safety • High Pressure Hose Down • Indoor or Outdoor • NSF Certified

Catalog Number Logic

FPF 07L-4-U-XX

(1) (2) (3) (4) (5)

1 BASIC SERIES[1]
FPF Non Metallic LED Fixture
UL 1598 Wet Locations
UL 8750 LED Safety
CUL
NSF Certified Food Equipment
LM 79, LM 80

2 LED MAXIMUM SYSTEM WATTAGE
04L = 36 Watt (2 foot)
07L = 72 Watt (4 foot)
14L = 144 Watt (8 foot)

3 NOMINAL FIXTURE LENGTH
2 = 2 Foot
4 = 4 Foot
8 = 8 Foot

4 VOLTAGE/FREQUENCY
U = 120 thru 277V 50/60 HZ

5 OPTIONS[2]
F = Fuse
SS = Stainless Steel End Caps
EON = Emergency Only Operation
ENN = Emergency and Normal Operation
ENS = Emergency and Normal Switched
35 = 3500k (CCT)
50 = 5000k (CCT)

[1] Fixtures are furnished with non-metallic cord grip and 3 ft. long #16 AWG 3 conductor type SOA cable.
[2] Consult factory for pricing.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

FPF LED Series

Non-Metallic Housing • UL 1598 Wet Locations • UL 8750 LED Safety • High Pressure Hose Down • Indoor or Outdoor • NSF Certified



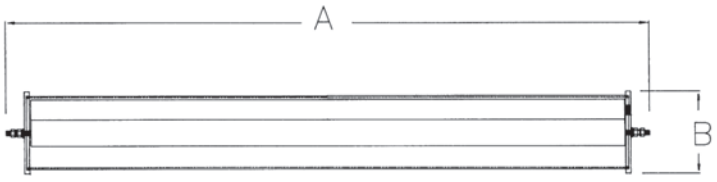
- UL 1598 Wet Locations
- UL 8750 LED Safety
- UL 924 Emergency Lighting
- CUL
- Unique design tolerates high temperatures and high pressure hose down
- No flat surfaces to collect contaminants
- Non metallic, thermoplastic housing eliminates the need to utilize special shatter proof lamps
- Stainless steel external hardware and mounting
- Standard 3 ft. leads or water-tight disconnects available
- NSF Certified Food Equipment
- Optional stainless steel end caps available
- LM 79, LM 80
- 5 year warranty against manufacturers defect and lumen loss standard
- Minimum 50,000 hours
- 4000k CCT LEDs standard
  3500k or 5000k CCT available

LED Series

	Description	Voltage	Catalog Number*
Two Foot Fixture	36 Watt LED System, 24”	120-277V 50/60HZ	**FPF04L-2-U**
Four Foot Fixture	72 Watt LED System, 48"	120-277V 50/60HZ	**FPF07L-4-U**
Eight Foot Fixture	144 Watt LED System, 96"	120-277V 50/60HZ	**FPF14L-8-U**

Fixtures are furnished with stainless steel chain mount kit, non-metallic cord grip and 3 ft. long #16 AWG 3 conductor type SOA cable.

Fixture Dimensions (inches)

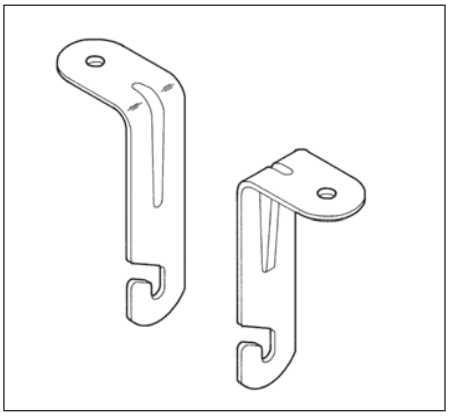


FPF LED SERIES	Dimensions (Inches)		Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B		
2 Foot Models	28.00	6.75	10 lbs.	1.2 cu. ft.
4 Foot Models	52.00	6.75	20 lbs.	2.1 cu. ft.
8 Foot Models	100.00	6.75	30 lbs.	4.0 cu. ft.

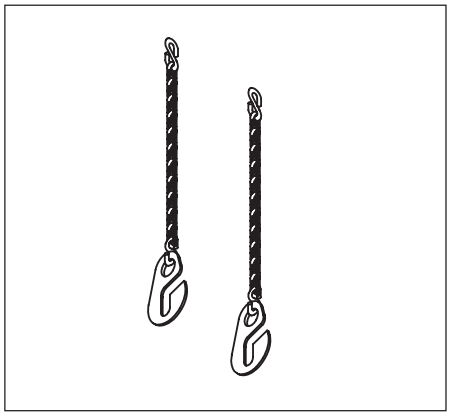
FPF LED Series

Non-Metallic Housing • UL 1598 Wet Locations • UL 8750 LED Safety • High Pressure Hose Down • Indoor or Outdoor • NSF Certified

Accessories



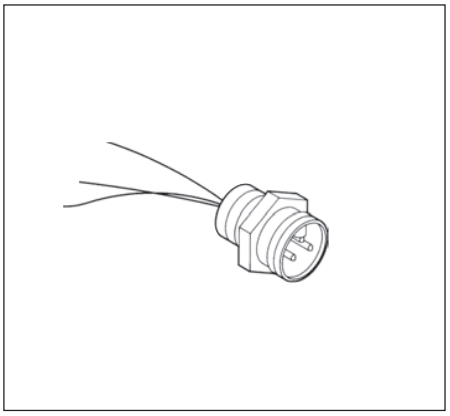
Fixed Mounting Bracket Kit
Stainless Steel - For 3/8 in. Bolts (not provided)
Catalog Number: FPFXDMKT
Shipping Weight: 0.4 lbs.



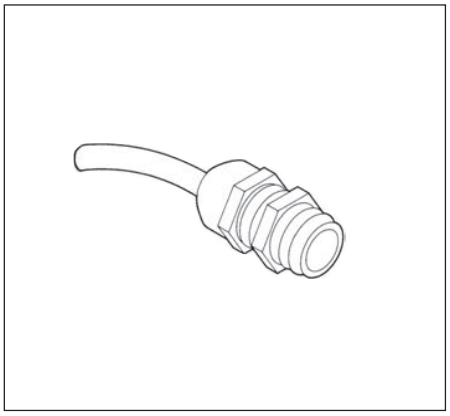
Chain Mounting Kit
Stainless Steel
Catalog Number: FPFCMKT1
Shipping Weight: 0.2 lbs.



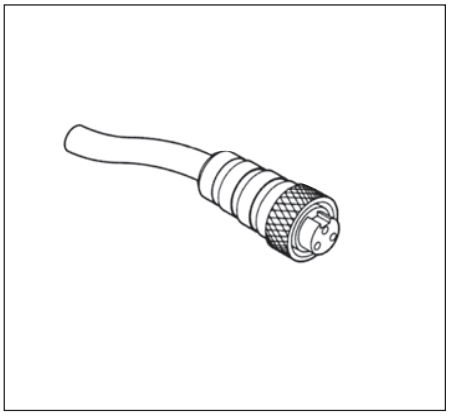
Stainless Steel Band Clamp
Catalog Number: FPFBNDMKT
Shipping Weight: 1.0 lbs.



Mini Receptacle 3P Male
Catalog Number: 64005
Shipping Weight: 0.1 lbs.



Pigtail Assembly- 3 ft. Cable
Other Lengths Available - Consult Factory
Catalog Number: 53108
Shipping Weight: 0.4 lbs.



Mini Plug 3P- 6 ft. Mini Cable
Other Lengths Available - Consult Factory
Catalog Number: 60006R
Shipping Weight: 0.6 lbs.



Polycarbonate End Cap Kit
Includes All Gaskets Glued in Place
Catalog Number: 53101
Shipping Weight: 3 lbs.



Stainless End Cap Kit
Includes All Gaskets Glued in Place
Catalog Number: 53101SS
Shipping Weight: 2.5 lbs.

LED

FPF LED Series

Non-Metallic Housing • UL 1598 Wet Locations • UL 8750 LED Safety • High Pressure Hose Down • Indoor or Outdoor • NSF Certified

Coefficients of Utilization

FPF07L4UXX

% Effective Ceiling Cavity Reflectance RCC	80				70				50			30			10			0
% Wall Reflectance RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	119	119	119	119	116	116	116	116	110	110	110 105	105	105	101	101	101	99	
1	110	106	102	98	107	103	100	97	99	96	93	95	92	90	91	89	87	85
2	101	94	88	83	98	92	86	82	88	84	80	85	81	78	82	78	76	74
3	93	84	77	71	91	82	75	70	79	73	69	76	71	67	74	70	66	64
4	86	75	67	61	84	74	67	61	71	65	60	69	64	59	67	62	58	56
5	80	68	60	54	78	67	59	54	65	58	53	63	57	52	61	56	52	50
6	74	62	54	48	72	61	53	48	59	52	47	57	51	47	56	50	46	44
7	69	57	49	43	67	56	48	43	54	47	42	53	47	42	51	46	42	40
8	65	52	44	39	63	51	44	39	50	43	38	49	42	38	47	42	38	36
9	61	48	40	35	59	47	40	35	46	39	35	45	39	35	44	38	34	33
10	57	44	37	32	56	44	37	32	43	36	32	42	36	32	41	35	31	30

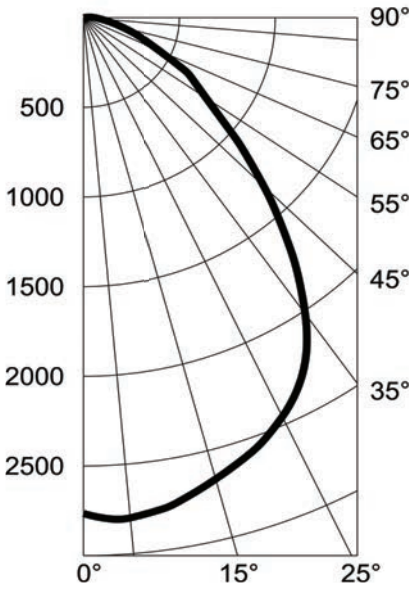
Candlepower Distribution

FPF07L4UXX

Deg.	0	22.5	45	67.5	90
0	2765	2765	2765	2765	2765
5	2765	2756	2767	2740	2800
10	2731	2714	2734	2719	2752
15	2666	2699	2688	2671	2664
20	2574	2581	2585	2576	2575
25	2454	2469	2466	2460	2455
30	2312	2300	2312	2293	2288
35	2116	2119	2094	2056	2016
40	1835	1832	1772	1705	1676
45	1505	1449	1365	1339	1331
50	1154	1075	1019	999	1022
55	830	785	743	731	780
60	593	589	552	561	637
65	398	423	405	423	436
70	264	323	328	323	315
75	195	245	259	232	215
80	94	167	180	154	143
85	38	90	99	91	89
90	0	50	61	60	59
95	0	39	51	51	50
100	0	31	43	45	45
105	0	27	37	40	41
110	0	24	31	35	37

Photometric Data

FPF07L4UXX



Total Lumens	6083.35
Input Power (Watts)	72.47
Efficacy	83.94
CRI	85
CCT	4124

SAFJ LED

LED Area Lighting for Hazardous Locations

- Class I, Division 2, Groups A, B, C, & D
- Class II, Division 1 & 2, Groups E, F & G
- Class III
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 844 Hazardous Locations
- UL 8750 LED Safety
- ABS Type Approved
- Tested to LM 79 & LM 80
- 55° C Ambient Temperature
- Simultaneous Presence
- US Patent # D637,340S
- NEMA 4X
- IP66
- CUL



SAFJ LED

AZZ™

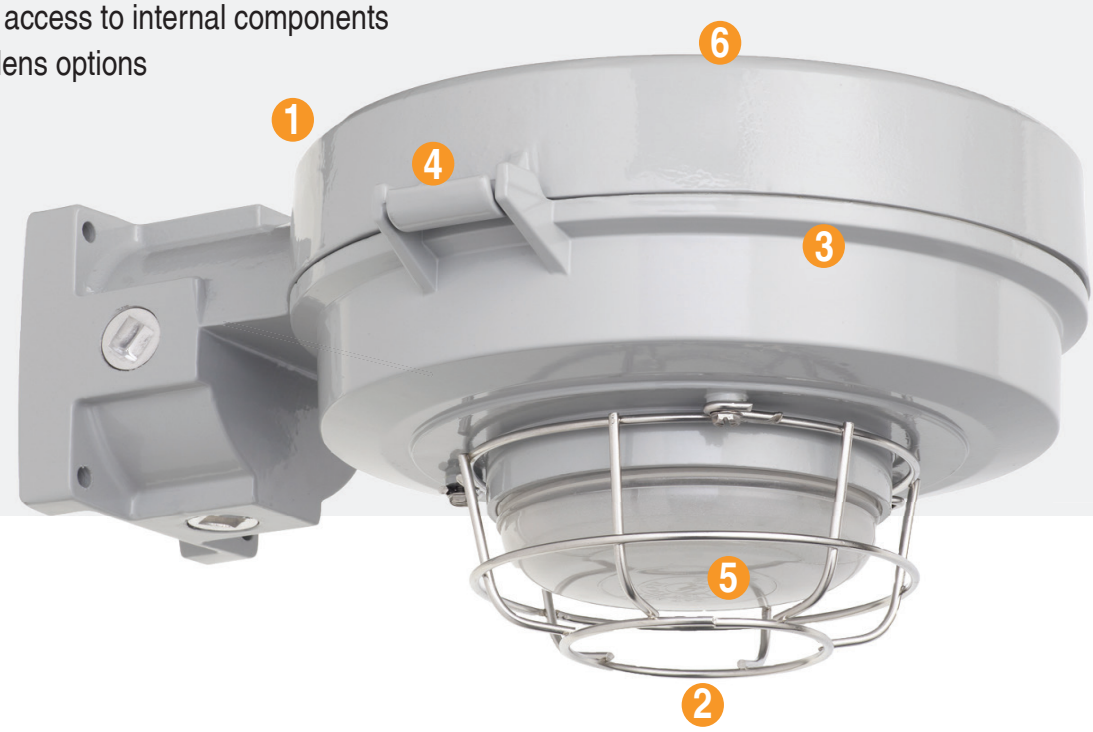
713.943.0340 | azz.com/rigalite

SAFJ LED

LED Area Lighting for Hazardous Locations

Key Features:

1. Low profile and compact design
2. Wide distribution pattern with uplight
3. Field replaceable LED circuit boards and drivers with quick disconnects
4. Hinged mount for access to internal components
5. Clear or diffused lens options
6. No external fins



Additional Features:

- Pendant, ceiling, wall and stanchion mounting options
- Terminal block
- Mates directly to select competitor mounts
- Optional stainless steel threaded inserts
- Dimming option
- Optional stainless steel guard
- 2kV surge protection (10kV option available)
- 5-year warranty

Standard Materials:

- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: One-piece silicone
- Lens: Borosilicate Glass or Polycarbonate
- Hardware: Stainless Steel

Catalog Number Logic

SAFJ 06-L2-U-LFG-C-XX-1LMS

1 2 3 4 5 6 7

1 BASIC LUMINAIRE

SAFJ LED
Class I, Division 2, Groups A, B, C & D
Class II, Division 1 & 2, Groups E, F & G
Class III
Simultaneous Presence
Enclosed & Gasketed
Wet Locations
UL1598A Marine Outside Type
UL 844 Hazardous Locations
UL 8750 LED Safety
NEMA 4X
IP66
CUL
ABS Type Approved

2 LAMP CURRENT / LAMP WATTAGE

03 = 30 Watts
06 = 50 Watts

3 LAMP TYPE

L2 = LED

4 DRIVER VOLTAGE

U = 120-277V 50/60HZ
N = 347/480V 60HZ

5 GLOBE & GUARD

LC = Low Profile Clear Globe
LCG = Low Profile Clear Globe & Guard
LPC = Low Profile Clear Polycarbonate
LPCG = Low Profile Clear Polycarbonate & Guard
LF = Low Profile Frosted Globe
LFG = Low Profile Frosted Globe & Guard
LPF = Low Profile Frosted Polycarbonate Globe
LPFG = Low Profile Frosted Polycarbonate Globe & Guard

6 MOUNTING STYLE

P = ¾" Pendant Mount
P1 = 1" Pendant Mount
C = ¾" Ceiling Mount
C1 = 1" Ceiling Mount
W = ¾" Wall Mount
W1 = 1" Wall Mount
S = 1-¼" 25°Stanchion Mount
S1 = 1-½" 25°Stanchion Mount
L = 1-¼" 90°Stanchion Mount
L1 = 1-½" 90°Stanchion Mount

7 OPTIONS[1]

SS = Stainless Steel Inserts
FB1 = Single Fuse Block [2,3]
FB2 = Double Fuse Block [2,3]
SP = Surge Protector

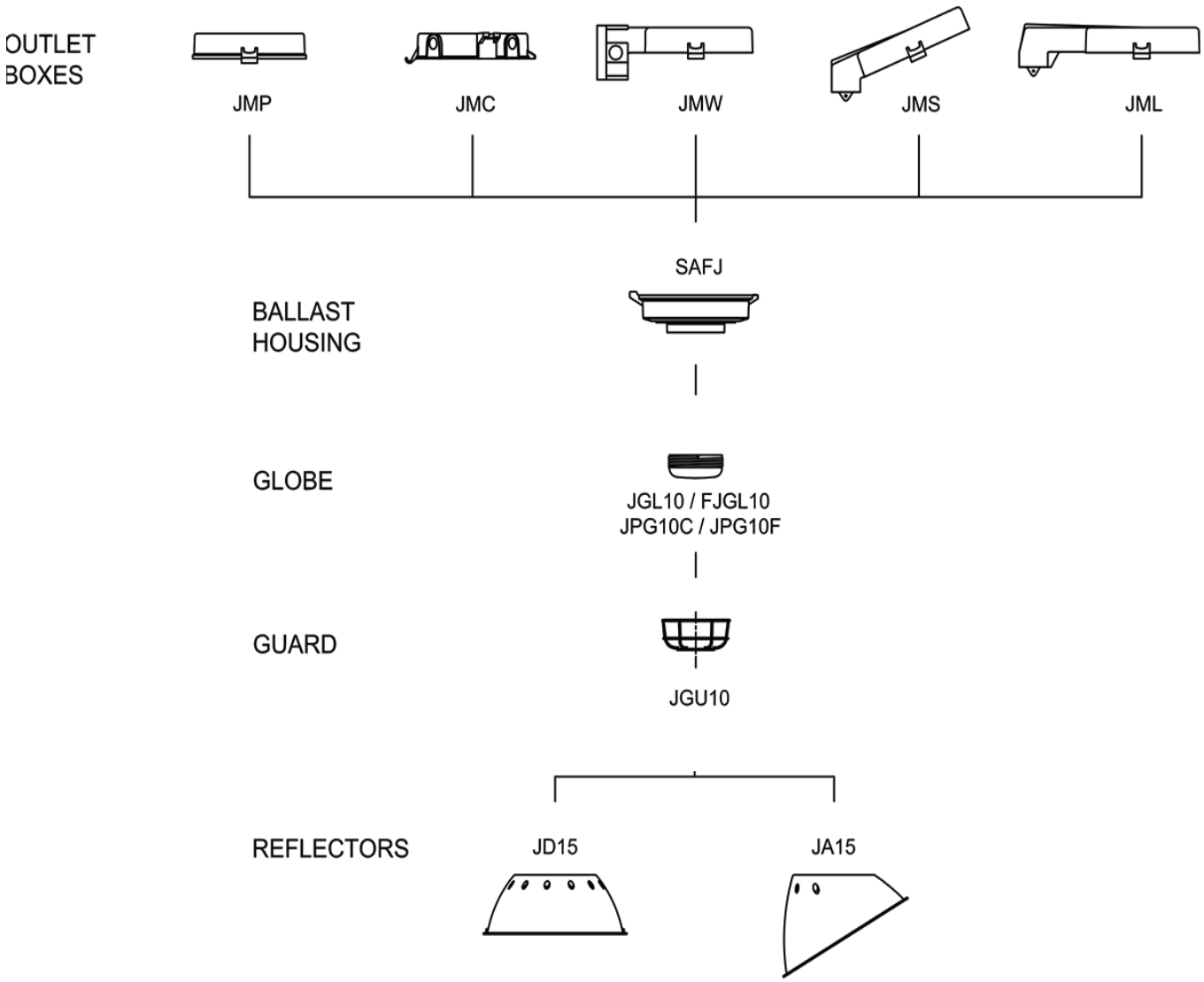
[1] Consult factory for pricing.
[2] Not available with universal driver unless incoming voltage is specified. When installed, one fuse block is provided for 120 & 277V and two fuse blocks are provided for 208, 220, 240, 347 and 480V. Fuse not provided.
[3] FB option not available for marine listed fixtures.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

SAFJ

LED Area Lighting for Hazardous Locations



SAFJ

LED Area Lighting for Hazardous Locations

30 Watt Clear Globe and Guard

Mounting Style	Conduit Size (in.)	Catalog Number 120V - 277V 50/60 Hz	Shipping Weight (lbs.)	CONSISTS OF			
				Ballast Housing	Outlet Box	Globe	Guard
RIGID PENDANT 	3/4 1	**SAFJ03-L2-U-LCG-P** **SAFJ03-L2-U-LCG-P1**	9 9	SAFJ03L2U SAFJ03L2U	JMP JMP1	JGL10 JGL10	JGU10 JGU10
CEILING MOUNT 	3/4 1	**SAFJ03-L2-U-LCG-C** **SAFJ03-L2-U-LCG-C1**	9.5 9.5	SAFJ03L2U SAFJ03L2U	JMC JMC1	JGL10 JGL10	JGU10 JGU10
WALL MOUNT 	3/4 1	**SAFJ03-L2-U-LCG-W** **SAFJ03-L2-U-LCG-W1**	12 12	SAFJ03L2U SAFJ03L2U	JMW JMW1	JGL10 JGL10	JGU10 JGU10
25° STANCHION MOUNT 	1-1/4 1-1/2	**SAFJ03-L2-U-LCG-S** **SAFJ03-L2-U-LCG-S1**	11 11	SAFJ03L2U SAFJ03L2U	JMS JMS1	JGL10 JGL10	JGU10 JGU10
90° STANCHION MOUNT 	1-1/4 1-1/2	**SAFJ03-L2-U-LCG-L** **SAFJ03-L2-U-LCG-L1**	12 12	SAFJ03L2U SAFJ03L2U	JML JML1	JGL10 JGL10	JGU10 JGU10

Refer to Certification Guide to determine suitability of individual fixture.

50 Watt Clear Globe and Guard

Mounting Style	Conduit Size (in.)	Catalog Number 120V - 277V 50/60 Hz	Shipping Weight (lbs.)	CONSISTS OF			
				Ballast Housing	Outlet Box	Globe	Guard
RIGID PENDANT 	3/4 1	**SAFJ06-L2-U-LCG-P** **SAFJ06-L2-U-LCG-P1**	9 9	SAFJ06L2U SAFJ06L2U	JMP JMP1	JGL10 JGL10	JGU10 JGU10
CEILING MOUNT 	3/4 1	**SAFJ06-L2-U-LCG-C** **SAFJ06-L2-U-LCG-C1**	9.5 9.5	SAFJ06L2U SAFJ06L2U	JMC JMC1	JGL10 JGL10	JGU10 JGU10
WALL MOUNT 	3/4 1	**SAFJ06-L2-U-LCG-W** **SAFJ06-L2-U-LCG-W1**	12 12	SAFJ06L2U SAFJ06L2U	JMW JMW1	JGL10 JGL10	JGU10 JGU10
25° STANCHION MOUNT 	1-1/4 1-1/2	**SAFJ06-L2-U-LCG-S** **SAFJ06-L2-U-LCG-S1**	11 11	SAFJ06L2U SAFJ06L2U	JMS JMS1	JGL10 JGL10	JGU10 JGU10
90° STANCHION MOUNT 	1-1/4 1-1/2	**SAFJ06-L2-U-LCG-L** **SAFJ06-L2-U-LCG-L1**	12 12	SAFJ06L2U SAFJ06L2U	JML JML1	JGL10 JGL10	JGU10 JGU10

Refer to Certification Guide to determine suitability of individual fixture.

30 Watt Frosted Globe and Guard

Mounting Style	Conduit Size (in.)	Catalog Number 120V - 277V 50/60 Hz	Shipping Weight (lbs.)	CONSISTS OF			
				Ballast Housing	Outlet Box	Globe	Guard
RIGID PENDANT 	3/4 1	**SAFJ03-L2-U-LFG-P** **SAFJ03-L2-U-LFG-P1**	9 9	SAFJ03L2U SAFJ03L2U	JMP JMP1	FJGL10 FJGL10	JGU10 JGU10
CEILING MOUNT 	3/4 1	**SAFJ03-L2-U-LFG-C** **SAFJ03-L2-U-LFG-C1**	9.5 9.5	SAFJ03L2U SAFJ03L2U	JMC JMC1	FJGL10 FJGL10	JGU10 JGU10
WALL MOUNT 	3/4 1	**SAFJ03-L2-U-LFG-W** **SAFJ03-L2-U-LFG-W1**	12 12	SAFJ03L2U SAFJ03L2U	JMW JMW1	FJGL10 FJGL10	JGU10 JGU10
25° STANCHION MOUNT 	1-1/4 1-1/2	**SAFJ03-L2-U-LFG-S** **SAFJ03-L2-U-LFG-S1**	11 11	SAFJ03L2U SAFJ03L2U	JMS JMS1	FJGL10 FJGL10	JGU10 JGU10
90° STANCHION MOUNT 	1-1/4 1-1/2	**SAFJ03-L2-U-LFG-L** **SAFJ03-L2-U-LFG-L1**	12 12	SAFJ03L2U SAFJ03L2U	JML JML1	FJGL10 FJGL10	JGU10 JGU10

Refer to Certification Guide to determine suitability of individual fixture.

50 Watt Frosted Globe and Guard

Mounting Style	Conduit Size (in.)	Catalog Number 120V - 277V 50/60 Hz	Shipping Weight (lbs.)	CONSISTS OF			
				Ballast Housing	Outlet Box	Globe	Guard
RIGID PENDANT 	3/4 1	**SAFJ06-L2-U-LFG-P** **SAFJ06-L2-U-LFG-P1**	9 9	SAFJ06L2U SAFJ06L2U	JMP JMP1	FJGL10 FJGL10	JGU10 JGU10
CEILING MOUNT 	3/4 1	**SAFJ06-L2-U-LFG-C** **SAFJ06-L2-U-LFG-C1**	9.5 9.5	SAFJ06L2U SAFJ06L2U	JMC JMC1	FJGL10 FJGL10	JGU10 JGU10
WALL MOUNT 	3/4 1	**SAFJ06-L2-U-LFG-W** **SAFJ06-L2-U-LFG-W1**	12 12	SAFJ06L2U SAFJ06L2U	JMW JMW1	FJGL10 FJGL10	JGU10 JGU10
25° STANCHION MOUNT 	1-1/4 1-1/2	**SAFJ06-L2-U-LFG-S** **SAFJ06-L2-U-LFG-S1**	11 11	SAFJ06L2U SAFJ06L2U	JMS JMS1	FJGL10 FJGL10	JGU10 JGU10
90° STANCHION MOUNT 	1-1/4 1-1/2	**SAFJ06-L2-U-LFG-L** **SAFJ06-L2-U-LFG-L1**	12 12	SAFJ06L2U SAFJ06L2U	JML JML1	FJGL10 FJGL10	JGU10 JGU10

Refer to Certification Guide to determine suitability of individual fixture.

SAFJ

LED Area Lighting for Hazardous Locations

Certification Guide

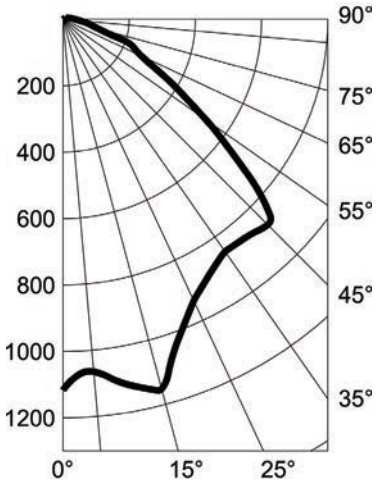
Model	Mount	Wattage	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 1 & 2 Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C
SAFJ03L2LC	P, C, W, S, L	30W	120V - 277V 50/60 Hz, 347V/480V 60Hz	3059	109	74	4766	-20°C < Tamb < 50°C	T3C	T5	T3	90°C
SAFJ03L2LF	P, C, W, S, L	30W		2752	97	73	4778	-20°C < Tamb < 50°C	T3C	T5	T3	

SAFJ03L2ULCXX

Candlepower Distribution

Deg.	Parl.
0	1117
5	1065
10	1116
15	1152
20	1022
25	935
30	886
35	854
40	858
45	875
50	733
55	528
60	371
65	261
70	214
75	111
80	79
85	55
90	38

Photometric Data

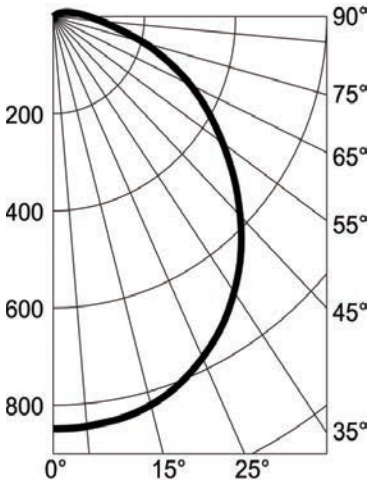


SAFJ03L2ULFXX

Candlepower Distribution

Deg.	Parl.
0	849
5	847
10	841
15	828
20	806
25	775
30	738
35	692
40	640
45	850
50	518
55	454
60	393
65	332
70	267
75	205
80	145
85	106
90	79

Photometric Data



SAFJ

LED Area Lighting for Hazardous Locations

Certification Guide

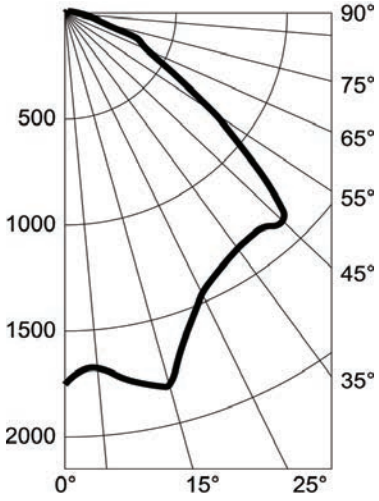
Model	Mount	Wattage	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 1 & 2 Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C
SAFJ06L2LC	P, C, W, S, L	50W	120V - 277V 50/60 Hz, 347V/480V 60Hz	4806	100	74	4785	-20°C < Tamb < 55°C	T3C	T3A	T3	90°C
SAFJ06L2LF	P, C, W, S, L	50W		4136	86	74	4734	-20°C < Tamb < 55°C	T3C	T3A	T3	

SAFJ06L2ULCXX

Candlepower Distribution

Deg.	Parl.
0	1751
5	1680
10	1763
15	1815
20	1604
25	1460
30	1394
35	1355
40	1343
45	1385
50	1120
55	817
60	559
65	408
70	342
75	182
80	129
85	92
90	63

Photometric Data

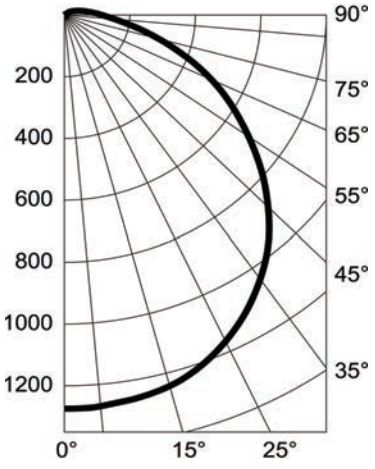


SAFJ06L2ULFXX

Candlepower Distribution

Deg.	Parl.
0	1274
5	1271
10	1260
15	1243
20	1211
25	1165
30	1109
35	1043
40	969
45	880
50	786
55	687
60	592
65	496
70	395
75	299
80	217
85	155
90	115

Photometric Data



SAFJ

LED Area Lighting for Hazardous Locations

Certification Guide

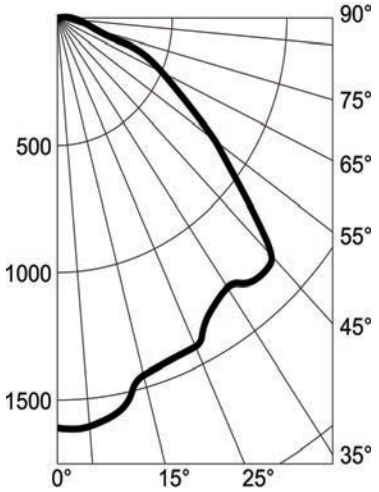
Model	Mount	Wattage	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 1 & 2 Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C
SAFJ06L2LPC	P, C, W, S, L	50W	120V - 277V 50/60 Hz, 347V/480V 60Hz	4671	97	74	4804	-20°C < Tamb < 55°C	T3C	T3A	T3	90°C
SAFJ06L2LPF	P, C, W, S, L	50W		3123	65	77	4571	-20°C < Tamb < 55°C	T3C	T3A	T3	

SAFJ06L2ULPCXX

Candlepower Distribution

Deg.	Parl.
0	1610
5	1610
10	1566
15	1452
20	1431
25	1424
30	1332
35	1292
40	1342
45	1319
50	1049
55	839
60	639
65	504
70	280
75	171
80	125
85	91
90	62

Photometric Data

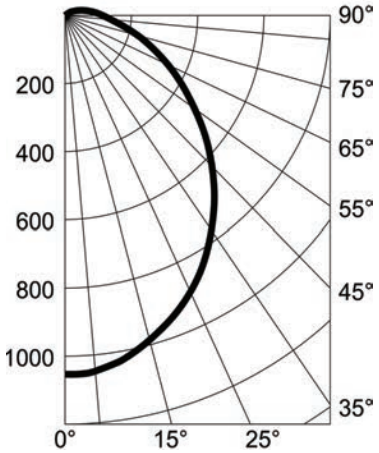


SAFJ06L2ULPFXX

Candlepower Distribution

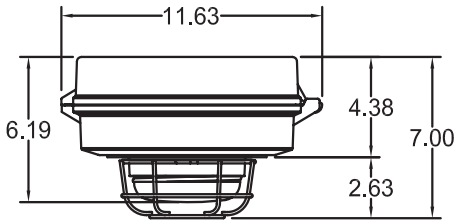
Deg.	Parl.
0	1053
5	1048
10	1024
15	986
20	944
25	895
30	837
35	770
40	701
45	327
50	553
55	477
60	408
65	343
70	282
75	228
80	178
85	140
90	114

Photometric Data

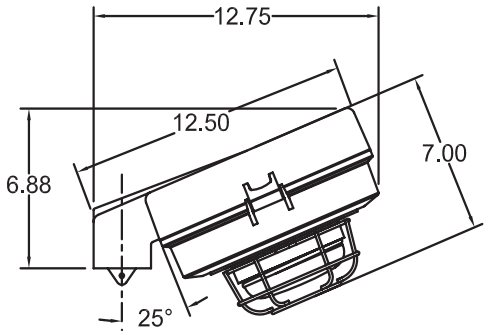


SAFJ

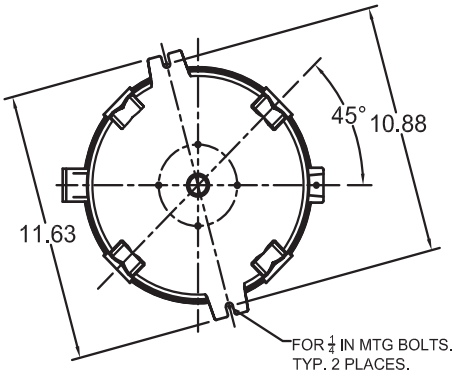
LED Area Lighting for Hazardous Locations

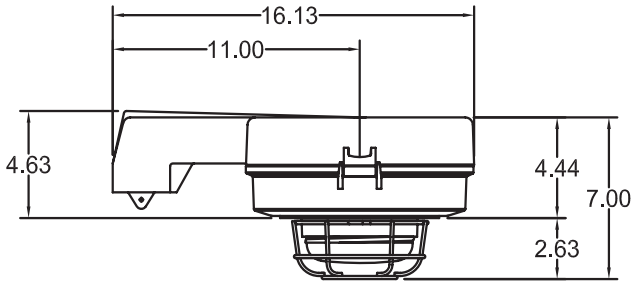


Pendant mount with threaded glass globe and guard.

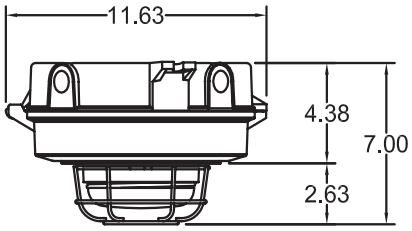


25° Stanchion mount with threaded glass globe and guard.

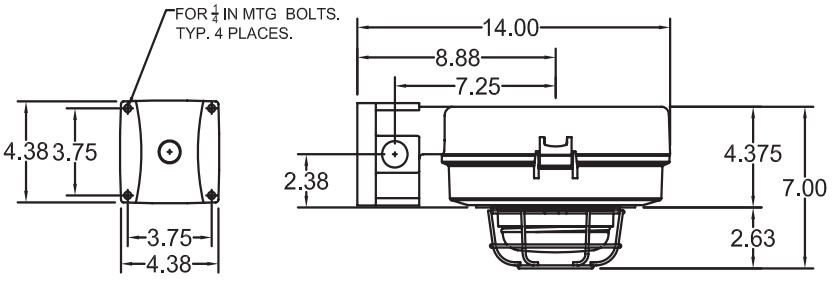




90° Stanchion mount with threaded glass globe and guard.

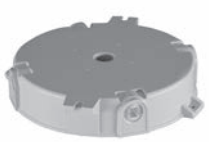


Ceiling mount with threaded glass globe and guard.



Wall mount with threaded glass globe and guard.

Accessories

Outlet Boxes	Catalog No.	Conduit Hub Size (In.)	Shipping Weight (Lbs.)
Rigid Pendant 	JMP	3/4	3.0
	JMP1	1	3.0
Ceiling Mount 	JMC	3/4	3.5
	JMC1	1	3.5
Wall Mount 	JMW	3/4	6.0
	JMW1	1	6.0
25° Stanchion Mount 	JMS	1-1/4	5.0
	JMS1	1-1/2	5.0
90° Stanchion Mount 	JML	1-1/4	6.0
	JML1	1-1/2	6.0

Globes And Guards	Catalog No.	Description	Shipping Weight (Lbs.)
Guard 	JGU10	Stainless Steel Wire Guard	1.0
Clear Glass Globe 	JGL10	Low Profile Clear Glass Globe	2.0
Frosted Glass Globe 	FJGL10	Low Profile Frosted Glass Globe	2.0
Clear Poly Globe 	JPG10C	Low Profile Clear Polycarbonate Globe	2.0
Frosted Poly Globe 	JPG10F	Low Profile Frosted Polycarbonate Globe	2.0

SAFETY CABLE	Catalog No.	Shipping Weight (Lbs.)
	10128R	1.0

SAFR LED

LED Area Lighting for Hazardous Locations

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 1 & 2, Groups E, F & G
- Class III
- Class I, Zone 2, Groups IIA, IIB & IIC
- UL 8750 LED Safety
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- NEMA 4X
- IP66
- CUL
- ABS Type Approved
- Tested to LM 79 & LM 80
- US Patent # D637,339S



SAFR LED

ABS TYPE APPROVED PRODUCT

c UL us LISTED

MARINE UL LISTED

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SAFR LED

LED Area Lighting for Hazardous Locations

Key Features:

1. Optics feature wide distribution pattern with uplight
2. Hinged mount for access to internal components
3. Field replaceable LED circuit boards and drivers with quick disconnects
4. Clear/ diffused lens options
5. Low profile
6. No external fins



Additional Features:

- Pendant, ceiling, wall and stanchion mounting options
- Terminal block
- Optional adapter ring mates to select competitor mounts
- Optional prismatic refractors
- Optional stainless steel threaded inserts
- Dimming option
- Optional stainless steel guard
- Standard surge protection: 2 kV (L-N), 4 kV (L-G, N-G, L&N-G) (10kV option available)
- 5-year warranty

Standard Materials:

- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: One-piece silicone
- Lens: Borosilicate glass
- Hardware: Stainless Steel

SAFR

LED Area Lighting for Hazardous Locations

Catalog Number Logic

SAFR-09-L2-U-LFG-C-XX

1 2 3 4 5 6 7

1 BASIC SAFR LUMINAIRE
Hazardous Location LED
Class I, Division 2, Groups A, B, C & D
Class II, Division 1 & 2, Groups E, F & G
Class III
Simultaneous Presence
Class I, Zone 2, Groups IIA, IIB & IIC
Enclosed and Gasketed
Wet Locations
NEMA 3R, 4X; IP66
UL 1598, UL1598A, UL844 & UL8750
CUL
ABS Type Approved

2 LAMP CURRENT/LAMP WATTAGE
09 = 70 Watts
11 = 96 Watts

3 LAMP TYPE
L2 = LED

4 DRIVER VOLTAGE
U = 120 to 277V 50/60 HZ
N = 347/480V 60 HZ

5 GLOBE & GUARD
LC = Low Profile Clear Glass Globe Only
LCG = Low Profile Clear Glass Globe & Guard
LF = Low Profile Frosted Glass Globe Only
LFG = Low Profile Frosted Glass Globe & Guard
T5 = Type V (Symmetric) Closed Bottom Glass Refractor
T5G = Type V (Symmetric) Closed Bottom Glass Refractor & Guard

6 MOUNTING STYLE
P = 3/4" Pendant Mount
P1 = 1" Pendant Mount
C = 3/4" Ceiling Mount
C1 = 1" Ceiling Mount
W = 3/4" Wall Mount
W1 = 1" Wall Mount
S = 1-1/4" 25° Stanchion Mount
S1 = 1-1/2" 25° Stanchion Mount
L = 1-1/4" 90° Stanchion Mount
L1 = 1-1/2" 90° Stanchion Mount
K = 3/4" Cone Top
K1 = 1" Cone Top

7 OPTIONS[1]
SS = Stainless Steel Inserts (304)
FB1 = Single Fuse Block[2,3]
FB2 = Double Fuse Block[2,3]
SP = Increased Surge Protection (10 kV)

[1] Consult factory for pricing
[2] Not available unless incoming voltage is specified. When installed, one fuse block is provided for 120, 277V and two fuse blocks are provided for 208, 220, 240V. Fuse not included. Not available on 347V or 480V
[3] Fuse option not available for marine listed fixtures.

Refer to Certification Guide to determine suitability of individual fixture.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

70 Watt Threaded Refractor and Guard

Mounting Style	Conduit Size (in.)	Catalog Number 120V thru 277V 50/60HZ	Shipping Weight (lbs.)	CONSISTS OF			
				Ballast Housing	Outlet Box	Refractor	Guard
RIGID PENDANT 	3/4 1	**SAFR09-L2-U-T5-G-P** **SAFR09-L2-U-T5-G-P1**	21.2 21.2	SAFR09L2U SAFR09L2U	SMP SMP1	SRT25GL SRT25GL	SXP25WG SXP25WG
CEILING MOUNT 	3/4 1	**SAFR09-L2-U-T5-G-C** **SAFR09-L2-U-T5-G-C1**	22.0 22.0	SAFR09L2U SAFR09L2U	SMC SMC1	SRT25GL SRT25GL	SXP25WG SXP25WG
WALL MOUNT 	3/4 1	**SAFR09-L2-U-T5-G-W** **SAFR09-L2-U-T5-G-W1**	21.2 21.2	SAFR09L2U SAFR09L2U	SMW SMW1	SRT25GL SRT25GL	SXP25WG SXP25WG
25° STANCHION MOUNT 	1-1/4 1-1/2	**SAFR09-L2-U-T5-G-S** **SAFR09-L2-U-T5-G-S1**	21.2 21.2	SAFR09L2U SAFR09L2U	SMS SMS1	SRT25GL SRT25GL	SXP25WG SXP25WG
90° STANCHION MOUNT 	1-1/4 1-1/2	**SAFR09-L2-U-T5-G-L** **SAFR09-L2-U-T5-G-L1**	22.0 22.0	SAFR09L2U SAFR09L2U	SML SML1	SRT25GL SRT25GL	SXP25WG SXP25WG

Refer to Certification Guide to determine suitability of individual fixture.

70 Watt Low Profile Clear Globe and Guard

Mounting Style	Conduit Size (in.)	Catalog Number 120V thru 277V 50/60HZ	Shipping Weight (lbs.)	CONSISTS OF			
				Ballast Housing	Outlet Box	Globe	Guard
RIGID PENDANT 	3/4 1	**SAFR09-L2-U-LCG-P** **SAFR09-L2-U-LCG-P1**	17.2 17.2	SAFR09L2U SAFR09L2U	SMP SMP1	SGL10T SGL10T	SXP10WG SXP10WG
CEILING MOUNT 	3/4 1	**SAFR09-L2-U-LCG-C** **SAFR09-L2-U-LCG-C1**	18.0 18.0	SAFR09L2U SAFR09L2U	SMC SMC1	SGL10T SGL10T	SXP10WG SXP10WG
WALL MOUNT 	3/4 1	**SAFR09-L2-U-LCG-W** **SAFR09-L2-U-LCG-W1**	17.2 17.2	SAFR09L2U SAFR09L2U	SMW SMW1	SGL10T SGL10T	SXP10WG SXP10WG
25° STANCHION MOUNT 	1-1/4 1-1/2	**SAFR09-L2-U-LCG-S** **SAFR09-L2-U-LCG-S1**	17.2 17.2	SAFR09L2U SAFR09L2U	SMS SMS1	SGL10T SGL10T	SXP10WG SXP10WG
90° STANCHION MOUNT 	1-1/4 1-1/2	**SAFR09-L2-U-LCG-L** **SAFR09-L2-U-LCG-L1**	18.0 18.0	SAFR09L2U SAFR09L2U	SML SML1	SGL10T SGL10T	SXP10WG SXP10WG

Refer to Certification Guide to determine suitability of individual fixture.

70 Watt Low Profile Frosted Globe and Guard

Mounting Style	Conduit Size (in.)	Catalog Number 120V thru 277V 50/60HZ	Shipping Weight (lbs.)	CONSISTS OF			
				Ballast Housing	Outlet Box	Globe	Guard
RIGID PENDANT 	3/4 1	**SAFR09-L2-U-LFG-P** **SAFR09-L2-U-LFG-P1**	17.2 17.2	SAFR09L2U SAFR09L2U	SMP SMP1	SFGL10T SFGL10T	SXP10WG SXP10WG
CEILING MOUNT 	3/4 1	**SAFR09-L2-U-LFG-C** **SAFR09-L2-U-LFG-C1**	18.0 18.0	SAFR09L2U SAFR09L2U	SMC SMC1	SFGL10T SFGL10T	SXP10WG SXP10WG
WALL MOUNT 	3/4 1	**SAFR09-L2-U-LFG-W** **SAFR09-L2-U-LFG-W1**	17.2 17.2	SAFR09L2U SAFR09L2U	SMW SMW1	SFGL10T SFGL10T	SXP10WG SXP10WG
25° STANCHION MOUNT 	1-1/4 1-1/2	**SAFR09-L2-U-LFG-S** **SAFR09-L2-U-LFG-S1**	17.2 17.2	SAFR09L2U SAFR09L2U	SMS SMS1	SFGL10T SFGL10T	SXP10WG SXP10WG
90° STANCHION MOUNT 	1-1/4 1-1/2	**SAFR09-L2-U-LFG-L** **SAFR09-L2-U-LFG-L1**	18.0 18.0	SAFR09L2U SAFR09L2U	SML SML1	SFGL10T SFGL10T	SXP10WG SXP10WG

Refer to Certification Guide to determine suitability of individual fixture.

SAFR

LED Area Lighting for Hazardous Locations

Certification Guide

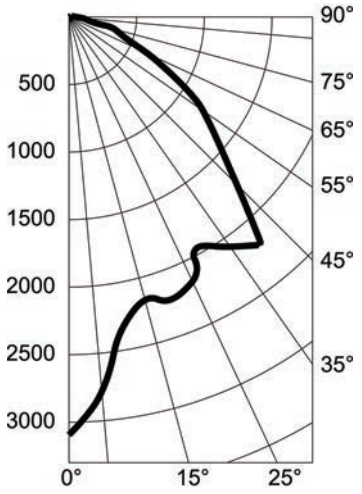
Model	Mount	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 1. Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C
SAFR09L2LC	P, C, W, S, L, K	70W	120V - 277V 50/60 Hz, 347V/480V 60Hz	6796	103	74	4755	-20°C < Tamb < 55°C	T4	T6	T3B	90°C
SAFR09L2LF	P, C, W, S, L, K	70W		6088	92	73	4760	-20°C < Tamb < 55°C	T4	T6	T3B	
SAFR09L2T5	P, C, W, S, L, K	70W		5363	81	73	4740	-20°C < Tamb < 55°C	T4	T6	T3B	

SAFR09L2ULCXX

Candlepower Distribution

Deg.	Parl.
0	3094
5	2784
10	2324
15	2170
20	2223
25	2160
30	1959
35	2076
40	2195
45	1754
50	1439
55	1209
60	916
65	644
70	436
75	350
80	144
85	106
90	57

Photometric Data

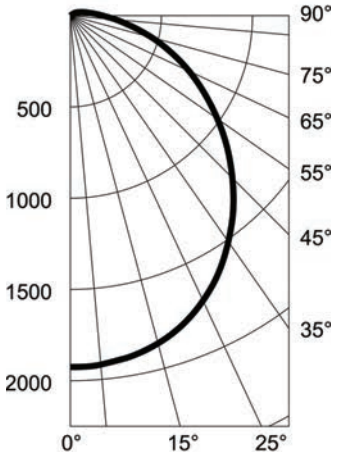


SAFR09L2ULFXX

Candlepower Distribution

Deg.	Parl.
0	1925
5	1919
10	1897
15	1859
20	1802
25	1723
30	1627
35	1512
40	1391
45	1258
50	1124
55	986
60	850
65	720
70	589
75	464
80	346
85	254
90	179

Photometric Data



96 Watt Threaded Refractor and Guard

Mounting Style	Conduit Size (in.)	Catalog Number 120V thru 277V 50/60HZ	Shipping Weight (lbs.)	CONSISTS OF			
				Ballast Housing	Outlet Box	Globe	Guard
RIGID PENDANT 	3/4 1	**SAFR11-L2-U-T5-G-P** **SAFR11-L2-U-T5-G-P1**	21.7 21.7	SAFR11L2U SAFR11L2U	SMP SMP1	SRT25GL SRT25GL	SXP25WG SXP25WG
CEILING MOUNT 	3/4 1	**SAFR11-L2-U-T5-G-C** **SAFR11-L2-U-T5-G-C1**	22.5 22.5	SAFR11L2U SAFR11L2U	SMC SMC1	SRT25GL SRT25GL	SXP25WG SXP25WG
WALL MOUNT 	3/4 1	**SAFR11-L2-U-T5-G-W** **SAFR11-L2-U-T5-G-W1**	21.2 21.2	SAFR11L2U SAFR11L2U	SMW SMW1	SRT25GL SRT25GL	SXP25WG SXP25WG
25° STANCHION MOUNT 	1-1/4 1-1/2	**SAFR11-L2-U-T5-G-S** **SAFR11-L2-U-T5-G-S1**	21.2 21.2	SAFR11L2U SAFR11L2U	SMS SMS1	SRT25GL SRT25GL	SXP25WG SXP25WG
90° STANCHION MOUNT 	1-1/4 1-1/2	**SAFR11-L2-U-T5-G-L** **SAFR11-L2-U-T5-G-L1**	22.0 22.0	SAFR11L2U SAFR11L2U	SML SML1	SRT25GL SRT25GL	SXP25WG SXP25WG

Refer to Certification Guide to determine suitability of individual fixture.

SAFR

LED Area Lighting for Hazardous Locations

96 Watt Low Profile Clear Globe and Guard

Mounting Style	Conduit Size (in.)	Catalog Number 120V thru 277V 50/60HZ	Shipping Weight (lbs.)	CONSISTS OF			
				Ballast Housing	Outlet Box	Globe	Guard
RIGID PENDANT 	3/4 1	**SAFR11-L2-U-LCG-P** **SAFR11-L2-U-LCG-P1**	17.2 17.2	SAFR11L2U SAFR11L2U	SMP SMP1	SGL10T SGL10T	SXP10WG SXP10WG
CEILING MOUNT 	3/4 1	**SAFR11-L2-U-LCG-C** **SAFR11-L2-U-LCG-C1**	18.0 18.0	SAFR11L2U SAFR11L2U	SMC SMC1	SGL10T SGL10T	SXP10WG SXP10WG
WALL MOUNT 	3/4 1	**SAFR11-L2-U-LCG-W** **SAFR11-L2-U-LCG-W1**	17.2 17.2	SAFR11L2U SAFR11L2U	SMW SMW1	SGL10T SGL10T	SXP10WG SXP10WG
25° STANCHION MOUNT 	1-1/4 1-1/2	**SAFR11-L2-U-LCG-S** **SAFR11-L2-U-LCG-S1**	17.2 17.2	SAFR11L2U SAFR11L2U	SMS SMS1	SGL10T SGL10T	SXP10WG SXP10WG
90° STANCHION MOUNT 	1-1/4 1-1/2	**SAFR11-L2-U-LCG-L** **SAFR11-L2-U-LCG-L1**	18.0 18.0	SAFR11L2U SAFR11L2U	SML SML1	SGL10T SGL10T	SXP10WG SXP10WG

Refer to Certification Guide to determine suitability of individual fixture.

96 Watt Low Profile Frosted Globe and Guard

Mounting Style	Conduit Size (in.)	Catalog Number 120V thru 277V 50/60HZ	Shipping Weight (lbs.)	CONSISTS OF			
				Ballast Housing	Outlet Box	Globe	Guard
RIGID PENDANT 	3/4 1	**SAFR11-L2-U-LFG-P** **SAFR11-L2-U-LFG-P1**	17.2 17.2	SAFR11L2U SAFR11L2U	SMP SMP1	SFGL10T SFGL10T	SXP10WG SXP10WG
CEILING MOUNT 	3/4 1	**SAFR11-L2-U-LFG-C** **SAFR11-L2-U-LFG-C1**	18.0 18.0	SAFR11L2U SAFR11L2U	SMC SMC1	SFGL10T SFGL10T	SXP10WG SXP10WG
WALL MOUNT 	3/4 1	**SAFR11-L2-U-LFG-W** **SAFR11-L2-U-LFG-W1**	17.2 17.2	SAFR11L2U SAFR11L2U	SMW SMW1	SFGL10T SFGL10T	SXP10WG SXP10WG
25° STANCHION MOUNT 	1-1/4 1-1/2	**SAFR11-L2-U-LFG-S** **SAFR11-L2-U-LFG-S1**	17.2 17.2	SAFR11L2U SAFR11L2U	SMS SMS1	SFGL10T SFGL10T	SXP10WG SXP10WG
90° STANCHION MOUNT 	1-1/4 1-1/2	**SAFR11-L2-U-LFG-L** **SAFR11-L2-U-LFG-L1**	18.0 18.0	SAFR11L2U SAFR11L2U	SML SML1	SFGL10T SFGL10T	SXP10WG SXP10WG

Refer to Certification Guide to determine suitability of individual fixture.

SAFR

LED Area Lighting for Hazardous Locations

Certification Guide

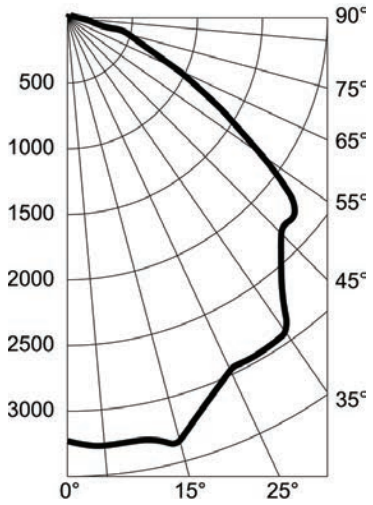
Model	Mount	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 1. Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C
SAFR11L2LC	P, C, W, S, L, K	96W	120V - 277V 50/60 Hz, 347V/480V 60Hz	9570	104	75	4798	-20°C < Tamb < 55°C	T4A	T6	T3C	90°C
SAFR11L2LF	P, C, W, S, L, K	96W		8610	94	75	4807	-20°C < Tamb < 55°C	T4A	T6	T3C	
SAFR11L2T5	P, C, W, S, L, K	96W		5363	81	72	4625	-20°C < Tamb < 55°C	T4A	T6	T3C	

SAFR11L2ULCXX

Candlepower Distribution

Deg.	Parl.
0	3228
5	3276
10	3272
15	3344
20	3127
25	2966
30	2953
35	2920
40	2560
45	2327
50	2283
55	1819
60	1323
65	922
70	630
75	486
80	195
85	149
90	80

Photometric Data

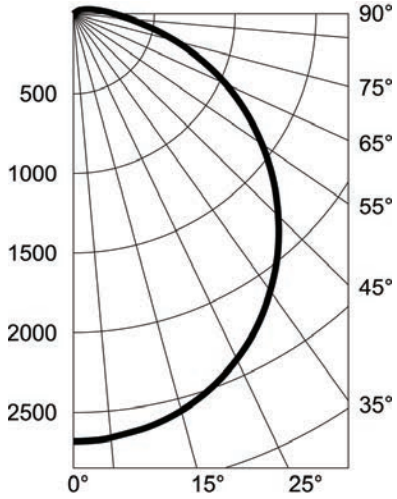


SAFR11L2ULFXX

Candlepower Distribution

Deg.	Parl.
0	2682
5	2669
10	2634
15	2577
20	2496
25	2391
30	2268
35	2122
40	1965
45	1791
50	1612
55	1423
60	1233
65	1040
70	842
75	655
80	483
85	351
90	254

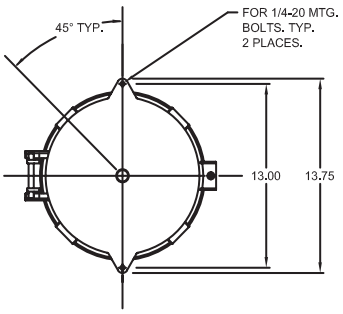
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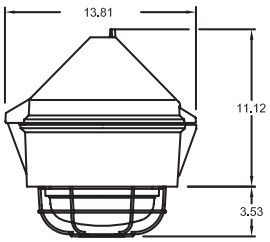


LED

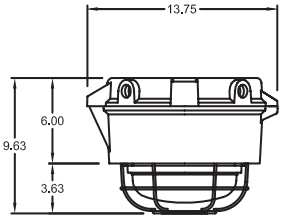
SAFR

LED Area Lighting for Hazardous Locations

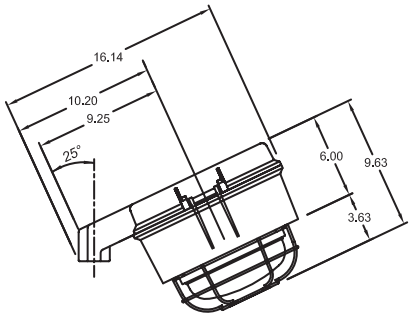




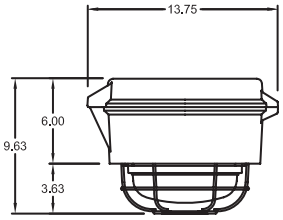
Cone mount with
threaded glass globe
and guard.



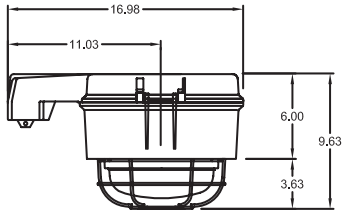
Ceiling mount with
threaded glass globe
and guard.



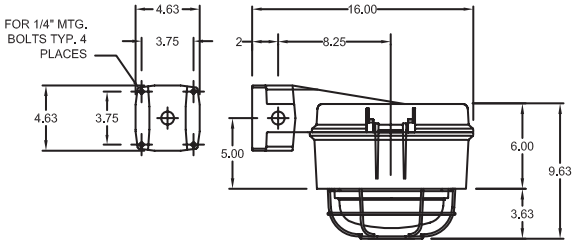
25° Stanchion mount with
threaded glass globe
and guard.



Pendant mount with
threaded glass globe
and guard.



90° Stanchion mount with
threaded glass globe
and guard.



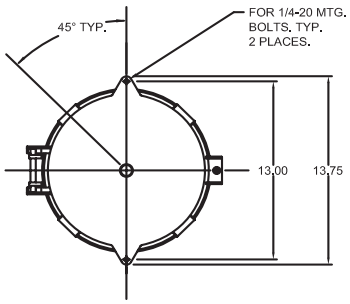
Wall mount with
threaded glass globe
and guard.

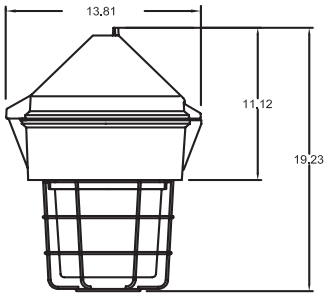
Refer to Certification Guide to determine suitability of individual fixture.

LED

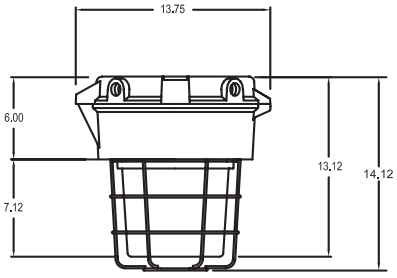
SAFR

LED Area Lighting for Hazardous Locations

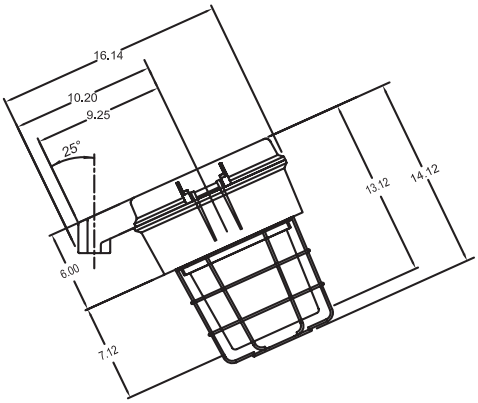




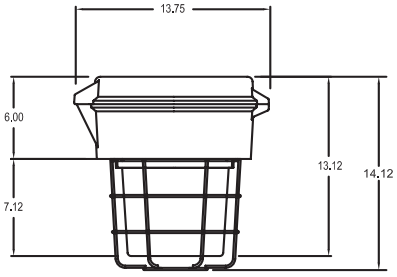
Cone mount with
threaded glass
refractor and guard.



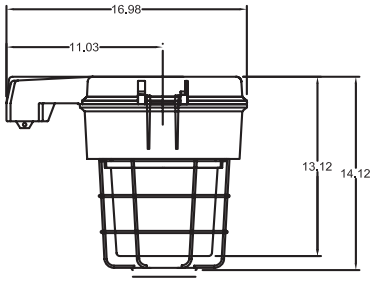
Ceiling mount with
threaded glass
refractor and guard.



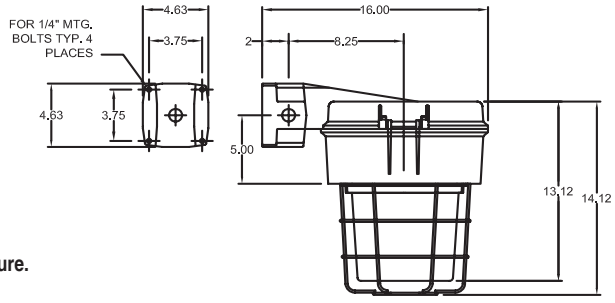
25° Stanchion mount with
threaded glass
refractor and guard.



Pendant mount with
threaded glass
refractor and guard.



90° Stanchion mount with
threaded glass
refractor and guard.



Wall mount with
threaded glass
refractor and guard.

Refer to Certification Guide to determine suitability of individual fixture.

Accessories

Outlet Boxes	Catalog No.	Conduit Hub Size (In.)	Shipping Weight (Lbs.)
Rigid Pendant 	SMP	3/4	3.3
	SMP1	1	3.3
Ceiling Mount 	SMC	3/4	4.1
	SMC1	1	4.1
Cone Mount 	SMK	3/4	14.5
	SMK1	1	14.5
Wall Mount 	SMW	3/4	7.8
	SMW1	1	7.8
Stanchion Mount (25°) 	SMS	1-1/4	5.9
	SMS1	1-1/2	5.9
Stanchion Mount (90°) 	SML	1-1/4	5.9
	SML1	1-1/2	5.9

Refer to Certification Guide to determine suitability of individual fixture.

Photo Cell Kit*	Catalog No.	Description	Shipping Weight (Lbs.)
	SPH25-120	Automatic on-off switch at predetermined light levels. (120 volt only) REQUIRES FIELD INSTALLATION.	.19

* Not Suitable for hazardous locations.

Hazardous Location Photo Cell Kit*	Catalog No.	Description	Shipping Weight (Lbs.)
	HLPC-120	Automatic on-off switch at predetermined light levels. (120 volt only) REQUIRES FIELD INSTALLATION.	.25
	HLPC-208-277		.25

SAF/SAFR Adapter Ring	Catalog No.	Description	Shipping Weight (Lbs.)
	RTXMV	Adapter Ring UL listed as Luminaire Fitting for use in Class I Div. 2 Groups A, B, C & D and Marine. Mates with competitor models APM2, APM3, HPM2, CM2, CM3, TWM2, TWM3, JM5, PM5 and QM25 mounts	3.25

Guards / Safety Cable	Catalog No.	Description	Shipping Weight (Lbs.)
	SXP25WG	Stainless Steel Wire Guard for Type 1, 3 & 5 Refractors	1.5
	SXP10WG	Stainless Steel Wire Guard for Low Profile Clear and Frosted Globes	1.0
	10128R		1.0

Refer to Certification Guide to determine suitability of individual fixture.

Glass Globe	Catalog No.	Description	Shipping Weight (Lbs.)
	SRT25GL	IES Type V light distribution (asymmetrical)	6.6
	SGL10T	Low Profile Clear Globe	4.2
	SFGL10T	Low Profile Frosted Globe	4.2

Fixtures ordered with refractors are not suitable to be ordered with reflectors.

SXPJ LED

Explosionproof LED Area Lighting

- Class I, Division 1, Group C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Class I, Zone 1, Groups IIA & IIB
- Factory Sealed
- Paint Spray Booth (up to 40° C)
- NEMA 4X
- IP66
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- CUL
- Tested to LM79 & LM80



C UL US LISTED

MARINE UL LISTED

AZZ™

713.943.0340 | azz.com/rigalite

SXPJ LED

SXPJ LED

Explosionproof LED Area Lighting

Key Features:

1. Single-pin quick disconnect mount with double acme thread
2. Component access via single set screw
3. Field replaceable LED circuit boards and drivers with quick disconnects
4. Wireless electromechanical terminal block



Additional Features:

- Standard, angle and high-bay reflector options
- Pendant, ceiling, wall, stanchion, and trunnion mounting options
- Optional stainless steel guard
- Standard surge protection: 2 kV (L-N) 4 kV (L-G, N-G, L&N-G) (10kV option available)
- 5-year warranty

Standard Materials:

- Body:A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: One-piece silicone
- Lens: Borosilicate glass
- Hardware: Stainless Steel

SXPJ

Explosionproof LED Area Lighting

Catalog Number Logic

SXPJ 11-L2-U-GG-P-XX

1 2 3 4 5 6 7

1 BASIC LUMINAIRE

SXPJ LED
Class I, Division 1, Groups C & D
Class II, Division 1, Groups E, F & G
Class III
Class I, Zone 1, Groups IIA & IIB
Factory Sealed
UL 1598, UL 1598A, UL 8750 & UL 844
cUL
NEMA Type 4X, IP66
Tested to LM79 & LM80
Paint Spray Booth up to 40° C

2 LAMP CURRENT/LAMP WATTAGE

06 = 50 Watt
09 = 70 Watt
11 = 96 Watt

3 LAMP TYPE

L2 = LED

4 BALLAST VOLTAGE

U = 120 thru 277V 50/60HZ

5 GLOBE & GUARD

GG = Globe and Guard
G = Globe only

6 MOUNTING STYLE

P = 3/4" Pendant Mount
P1 = 1" Pendant Mount
C = 3/4" Ceiling Mount
C1 = 1" Ceiling Mount
W = 3/4" Wall Mount
W1 = 1" Wall Mount
S = 1-1/4" Stanchion Mount[4]
S1 = 1-1/2" Stanchion Mount[4]
T = Trunnion Mount[4,5]

7 OPTIONS[1]

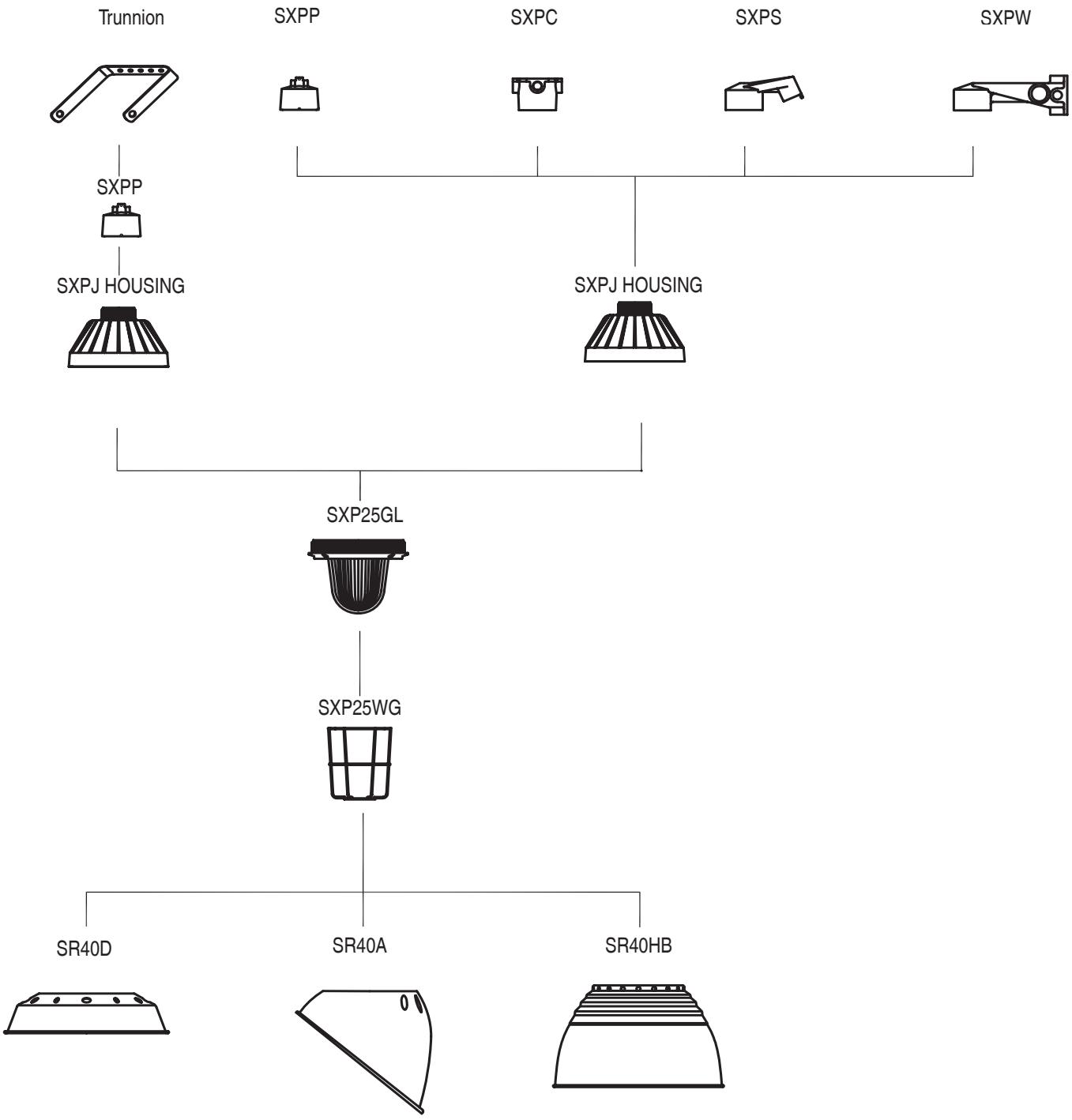
FB1 = Single Fuse Block [2 3]
FB2 = Double Fuse Block [2 3]
SC = Saftey Cable (Eye Bolt Included)
EB = Eye Bolt Only
SP = Increased Surge Protection (10 kV)

[1] Consult factory for pricing.
[2] Not available with universal driver unless incoming voltage is specified. When installed, one fuse block is provided for 120 & 277V and two fuse blocks are provided for 208 & 240V. Fuse not Included.
[3] Fuse option not available for marine listed fixtures.
[4] Not paint spray booth approved
[5] Not listed for Class II, Division 1

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

SXPJ

Explosionproof LED Area Lighting



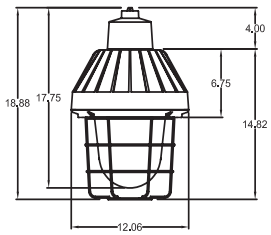
LED

SXPJ

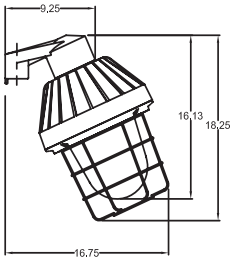
Explosionproof LED Area Lighting

Mounting Style	Lamp Watts	Conduit Size (In.)	Catalog Number 120-277V 50/60HZ	Shipping Weight (Lbs)
PENDANT 	50	3/4	SXPJ06-L2-U-GG-P	41.6
	50	1	SXPJ06-L2-U-GG-P1	41.6
	70	3/4	SXPJ09-L2-U-GG-P	41.6
	70	1	SXPJ09-L2-U-GG-P1	41.6
	96	3/4	SXPJ11-L2-U-GG-P	41.6
	96	1	SXPJ11-L2-U-GG-P	41.6
CEILING 	50	3/4	SXPJ06-L2-U-GG-C	43.6
	50	1	SXPJ06-L2-U-GG-C1	43.6
	70	3/4	SXPJ09-L2-U-GG-C	43.6
	70	1	SXPJ09-L2-U-GG-C1	43.6
	96	3/4	SXPJ11-L2-U-GG-C	43.6
	96	1	SXPJ11-L2-U-GG-C1	43.6
WALL 	50	3/4	SXPJ06-L2-U-GG-W	45.7
	50	1	SXPJ06-L2-U-GG-W1	45.7
	70	3/4	SXPJ09-L2-U-GG-W	45.7
	70	1	SXPJ09-L2-U-GG-W1	45.7
	96	3/4	SXPJ11-L2-U-GG-W	45.7
	96	1	SXPJ11-L2-U-GG-W1	45.7
STANCHION 	50	1-1/4	SXPJ06-L2-U-GG-S	42.7
	50	1-1/2	SXPJ06-L2-U-GG-S1	42.7
	70	1-1/4	SXPJ09-L2-U-GG-S	42.7
	70	1-1/2	SXPJ09-L2-U-GG-S1	42.7
	96	1-1/4	SXPJ11-L2-U-GG-S	42.7
	96	1-1/2	SXPJ11-L2-U-GG-S1	42.7
TRUNNION 	50	3/4	SXPJ06-L2-U-GG-T	43.6
	70	3/4	SXPJ09-L2-U-GG-T	43.6
	96	3/4	SXPJ11-L2-U-GG-T	43.6

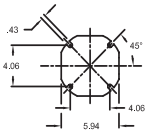
SXPJ LED Fixture Dimensions (inches)

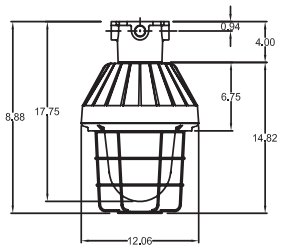


PENDANT MOUNT

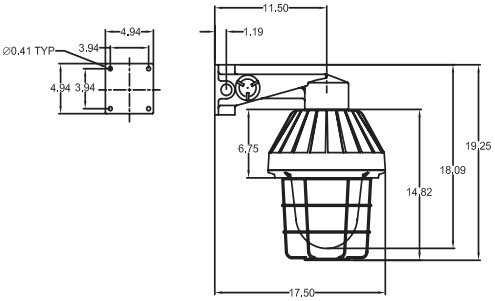


STANCHION MOUNT

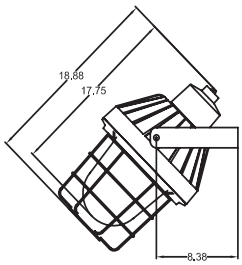




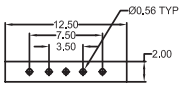
CEILING MOUNT



WALL MOUNT

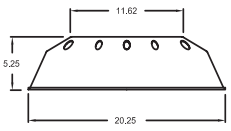


TRUNNION MOUNT

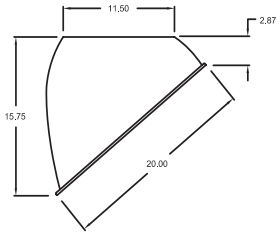


REFLECTORS

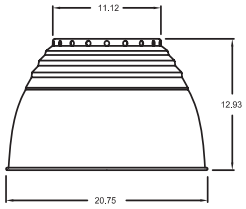
STANDARD DOME



ANGLE



DEEP DOME



SXPJ

Explosionproof LED Area Lighting

SXPJ06L2UGXX
Certification Guide

Model	Mount	Wattage	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 1. Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C	Hub Size	Shipping* Weight (Lbs.)
SXPJ06L2UGP	Pendant	50W	120V - 277V 50/60 Hz	5138	104	73	4896	-20°C < Tamb < 55°C	T6	T6	T6	90°C	3/4 in. NPT	41.6
SXPJ06L2UGP1													1 in. NPT	
SXPJ06L2UGC	Ceiling	50W	120V - 277V 50/60 Hz	5138	104	73	4896	-20°C < Tamb < 55°C	T6	T6	T6	90°C	3/4 in NPT	43.5
SXPJ06L2UGC1													1 in. NPT	
SXPJ06L2UGW	Wall	50W	120V - 277V 50/60 Hz	5138	104	73	4896	-20°C < Tamb < 55°C	T6	T6	T6	90°C	3/4 in. NPT	45.7
SXPJ06L2UGW1													1 in. NPT	
SXPJ06L2UGS	Stanchion	50W	120V - 277V 50/60 Hz	5138	104	73	4896	-20°C < Tamb < 55°C	T6	T6	T6	90°C	1/1/4 in. NPT	42.7
SXPJ06L2UGS1													1-1/2 in. NPT	
SXPJ07L2UGT	Trunnion	50W	120V - 277V 50/60 Hz	5138	104	73	4896	-20°C < Tamb < 55°C	T6	T6	T6	90°C	3/4 in. NPT	43.6

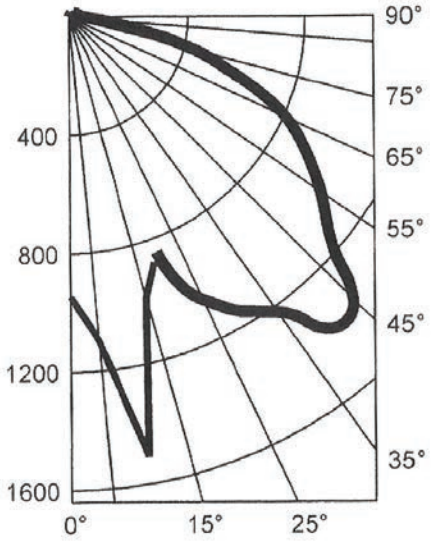
Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	97
1	107	101	97	92	104	99	95	91	94	90	87	90	87	84	85	83	81	79
2	96	87	79	73	93	85	78	72	81	75	70	77	72	68	73	69	66	63
3	87	75	66	59	84	73	65	58	70	63	57	66	60	55	63	58	54	51
4	78	65	56	49	76	64	55	48	61	53	47	58	51	46	56	50	45	43
5	72	58	48	41	69	56	47	40	54	46	40	51	44	39	49	43	38	36
6	66	51	42	35	63	50	41	34	48	40	34	46	39	33	44	38	33	30
7	60	46	37	30	58	45	36	30	43	35	29	41	34	29	40	33	28	26
8	56	42	32	26	54	41	32	26	39	31	26	38	30	25	36	30	25	23
9	52	38	29	23	50	37	29	23	36	28	23	34	27	22	33	27	22	20
10	49	35	26	21	47	34	26	21	33	25	20	32	25	20	30	24	20	18

Candlepower Distribution

Deg.	Norm
0	944
5	100
10	1507
15	985
20	845
25	1057
30	1151
35	1219
40	1378
45	1355
50	1144
55	1038
60	929
65	809
70	623
75	439
80	221
85	99
90	49
95	29
100	26
105	26
110	26
115	25
120	24
125	24
130	23
135	21
140	20
145	19
150	19
155	19
160	17
165	17
170	16
175	16
180	0

Photometric Data



SXPJ

Explosionproof LED Area Lighting

SXPJ09L2UGXX

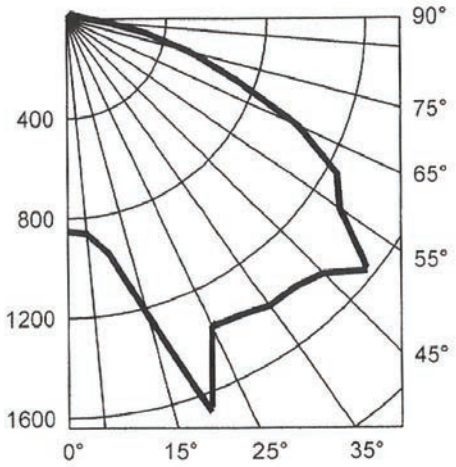
Certification Guide

Model	Mount	Wattage	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 1. Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C	Hub Size	Shipping* Weight (Lbs.)
SXPJ09L2UGP	Pendant	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	T6	T6	T6	90°C	3/4 in. NPT	41.6
SXPJ09L2UGP1													1 in. NPT	
SXPJ09L2UGC	Ceiling	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	T6	T6	T6	90°C	3/4 in NPT	43.5
SXPJ09L2UGC1													1 in. NPT	
SXPJ09L2UGW	Wall	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	T6	T6	T6	90°C	3/4 in. NPT	45.7
SXPJ09L2UGW1													1 in. NPT	
SXPJ09L2UGS	Stanchion	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	T6	T6	T6	90°C	1/1/4 in. NPT	42.7
SXPJ09L2UGS1													1-1/2 in. NPT	
SXPJ09L2UGT	Trunnion	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	T6	T6	T6	90°C	3/4 in. NPT	43.6

Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	97
1	106	101	96	92	103	98	94	90	93	90	86	89	86	83	85	82	80	78
2	95	86	79	72	92	84	76	71	80	74	69	76	71	67	72	68	65	62
3	86	74	65	58	83	72	65	57	69	62	56	65	59	54	62	57	53	50
4	78	65	55	48	75	63	55	47	60	52	46	57	50	45	55	49	44	41
5	71	57	47	42	68	55	47	39	53	45	39	50	43	38	48	42	37	35
6	65	50	41	34	63	49	41	34	47	39	33	45	38	32	43	37	32	29
7	60	45	36	29	58	44	36	29	42	34	28	40	33	28	39	32	27	25
8	55	41	32	25	53	40	32	25	38	30	25	37	30	24	35	29	24	22
9	51	37	28	22	50	36	28	22	35	27	22	33	27	22	32	26	21	19
10	48	34	25	20	46	33	26	20	32	25	19	31	24	19	30	23	19	17

Photometric Data



Candlepower Distribution

Deg.	Norm
0	852
5	864
10	955
15	1228
20	1679
25	1361
30	1374
35	1405
40	1406
45	1445
50	1571
55	1332
60	1246
65	1015
70	722
75	505
80	317
85	168
90	87
95	51
100	41
105	38
110	37
115	36
120	34
125	32
130	30
135	27
140	25
145	23
150	22
155	21
160	20
165	20
170	20
175	0
180	0

SXPJ

Explosionproof LED Area Lighting

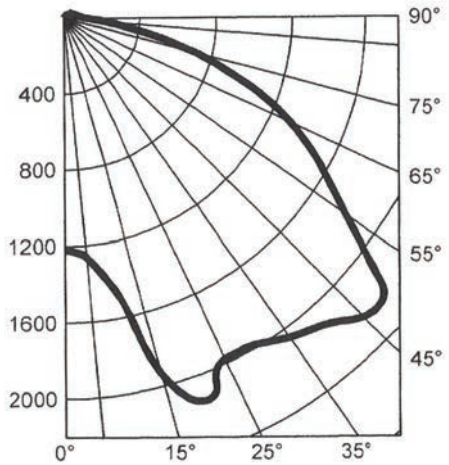
SXPJ11L2UGXX
Certification Guide

Model	Mount	Wattage	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 1. Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C	Hub Size	Shipping* Weight (Lbs.)
SXPJ11L2UGP	Pendant	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	T6	T6	T6	90°C	3/4 in. NPT	41.6
SXPJ11L2UGP1													1 in. NPT	
SXPJ11L2UGC	Ceiling	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	T6	T6	T6	90°C	3/4 in NPT	43.5
SXPJ11L2UGC1													1 in. NPT	
SXPJ11L2UGW	Wall	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	T6	T6	T6	90°C	3/4 in. NPT	45.7
SXPJ11L2UGW1													1 in. NPT	
SXPJ11L2UGS	Stanchion	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	T6	T6	T6	90°C	1/1/4 in. NPT	42.7
SXPJ11L2UGS1													1-1/2 in. NPT	
SXPJ11L2UGT	Trunnion	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	T6	T6	T6	90°C	3/4 in. NPT	43.6

Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80				70				50			30			10			0
% Wall Reflectance rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%																	
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	97
1	107	101	96	92	103	99	94	90	94	90	87	89	85	84	85	83	80	78
2	96	87	79	73	93	84	76	72	80	74	69	76	72	67	73	69	65	63
3	86	75	66	59	84	73	65	58	69	62	57	66	60	55	63	58	54	51
4	78	65	56	48	76	64	55	48	61	53	47	58	51	46	55	50	45	42
5	71	58	48	41	69	56	47	40	54	46	39	51	44	39	49	43	38	38
6	65	51	41	35	63	50	41	34	48	40	34	46	39	33	44	37	32	30
7	60	46	36	30	58	45	36	30	43	35	29	41	34	29	39	33	28	26
8	56	41	32	26	54	40	32	25	39	31	25	37	30	25	36	29	25	23
9	52	38	29	23	50	37	28	23	53	28	22	34	27	22	33	26	22	20
10	48	34	26	20	47	34	26	20	32	25	20	31	25	20	30	24	20	18

Photometric Data



Candlepower Distribution

Deg.	Norm
0	1217
5	1260
10	1445
15	1932
20	2139
25	1946
30	1983
35	2052
40	2113
45	2230
50	2189
55	1810
60	1557
65	1310
70	1020
75	710
80	417
85	218
90	109
95	66
100	54
105	52
110	51
115	49
120	46
125	44
130	42
135	38
140	35
145	33
150	31
155	30
160	29
165	29
170	28
175	0
180	0

Components and Accessories

Outlet Boxes	Description	Hub Size (In.)	Catalog Number	Shipping Weight (Lbs.)
	Pendant	3/4 1	SXPP SXPP1	2.15 2.15
	Ceiling	3/4 1	SXPC SXPC1	4.0 4.0
	Wall	3/4 1	SXPW SXPW1	6.20 6.20
	Stanchion	1-1/4 1-1/2	SXPS SXPS1	3.20 3.20

Reflectors	Description	Catalog Number	Shipping Weight (Lbs.)
	Standard Dome Reflector Fiberglass Filled Polymeric	SR40D	3.00
	30° Angle Reflector Fiberglass Filled Polymeric	SR40A	4.50
	High Bay Aluminum Reflector with Baked on White Enamel	SR40HB	5.00

Globes And Guards	Description	Catalog Number	Shipping Weight (Lbs.)
	Prismatic Glass Globe Assembly for 70-150W HPS, 175-250W MH & LED	SXP25GL	6.50
	Stainless Steel Wire Guard for 70-150W HPS, 175-250W MH & LED	SXP25WG	1.50

LFL FLOOD LIGHT

LED Flood Lighting for Harsh Environments

- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- 65°C Ambient Temperature
- CSA C22.2 No. 250.0-08
- ABS Type Approved
- IP66
- NEMA 4X
- Tested to LM79, LM80 Standards



LFL LED

Intertek Intertek

AZZ™

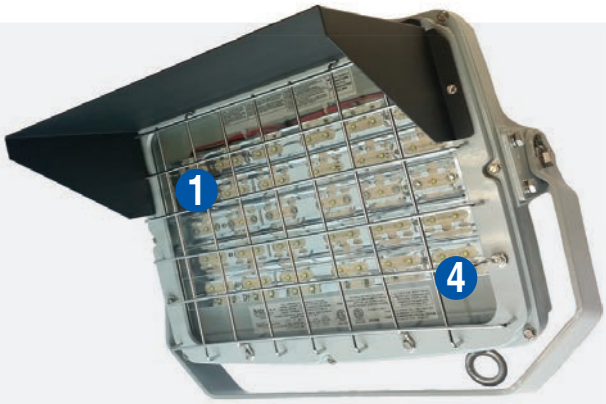
713.943.0340 | azz.com/rigalite

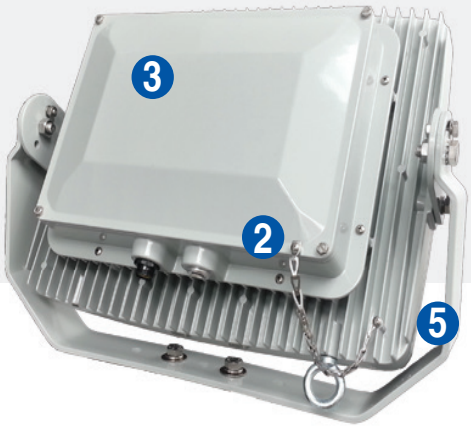
LFL FLOOD LIGHT

LED Flood Lighting for Harsh Environments

Key Features:

1. High-performance precision optics system
2. Driver access plate features stainless steel safety retention chain and captive hardware
3. Field replaceable LED circuit boards and drivers with quick disconnects
4. Approved for high-ambient applications, up to 65° C
5. Two (2) permanent safety cable retention points





Additional Features:

- Versatile trunnion-mount, with 180° range of motion
- Dual hub entries, feed-through capable
- Optional polycarbonate lens
- Terminal block
- Standard surge protection: 2kV (L-N), 4kV(L-G, N-G, L&N-G) (10kV option available)
- 5-year warranty

Standard Materials:

- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: Silicone
- Lens: Tempered Glass
- Hardware: Stainless Steel

LED

LFL Flood Light

LED Flood Lighting for Harsh Environments

Catalog Number Logic

LFL-20-L-U-T-76-XX

(1) (2) (3) (4) (5) (6) (7)

1 BASIC LUMINAIRE
LFL LED
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- UL 8750 LED Safety
- CSA C22.2
- IP66
- NEMA 4X

2 INPUT WATTS
- 07 = 70W
- 15 = 130W
- 20 = 188W

3 LAMP TYPE
- L = LED (5,000 CCT)

4 VOLTAGE/FREQUENCY
- U = 120 thru 277V 50/60 HZ
- N = 347/480V 60 HZ
- 12 = 120V 60 HZ[1]
- 22 = 220V 60 HZ[1]
- 24 = 240V 60 HZ[1]
- 27 = 277V 60 HZ[1]
- 34 = 347V 60 HZ[1]
- 48 = 480V 60 HZ[1]

5 MOUNTING
- T = Trunnion

6 BEAM DISTRIBUTION
- 76 = 7H x 6V

7 OPTIONS[2]
- EB = Eye Bolt
- FB1 = Single Fuse Block[1,3]
- FB2 = Double Fuse Block[1,3]
- SP = Increased Surge Protection[1]
- PC = Polycarbonate Lens
- 40 = 4000K CCT

[1] Voltages for fuse block and surge protector.
[2] Consult factory for pricing.
[3] Not for Marine application.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

LFL Flood Light

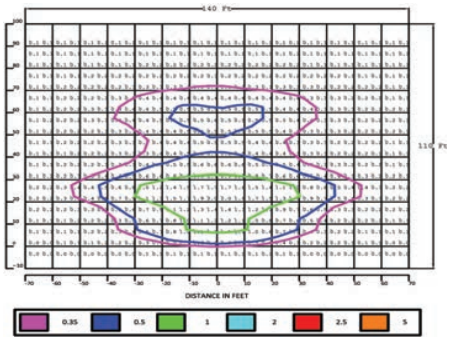
LED Flood Lighting for Harsh Environments

Certification Guide

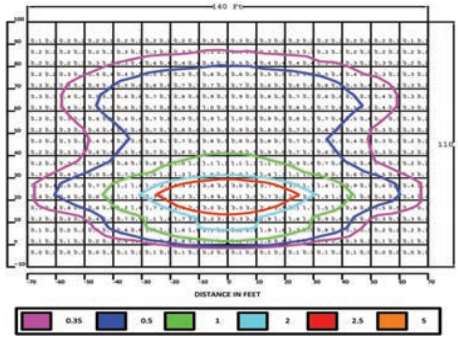
Model	Mount	Wattage	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature	Supply Wire Suitable Temperature, °C	Shipping* Weight (Lbs.)
LFL07LUT76	Trunnion	70W	120V - 277V 50/60 Hz	6919	106	72	5108	-20°C < Tamb < 65°C	90°C	42
LFL07LNT76	Trunnion	70W	347V/480V 60Hz	6919	106	72	5108	-20°C < Tamb < 65°C	90°C	42
LFL15LUT76	Trunnion	130W	120V - 277V 50/60 Hz	13562	105	73	5088	-20°C < Tamb < 65°C	90°C	44
LFL15LNT76	Trunnion	130W	347V/480V 60Hz	13562	105	73	5088	-20°C < Tamb < 65°C	90°C	44
LHL20LUT76	Trunnion	188W	120V - 277V 50/60 Hz	19518	104	75	5218	-20°C < Tamb < 65°C	90°C	45
LHL20LNT76	Trunnion	188W	347V/480V 60Hz	19518	104	75	5218	-20°C < Tamb < 65°C	90°C	45

Photometric Data

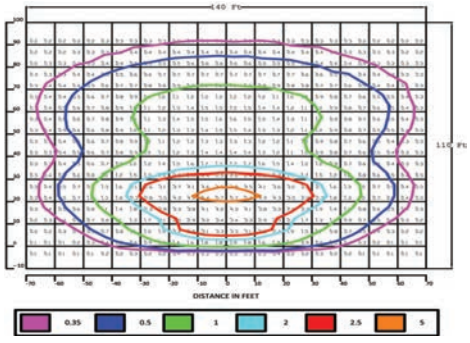
LFL07LUT76 @ 40 Ft High; Tilt Angle = 45°
(ISOFOOTCANDLES)



LFL15LUT76 @ 40 Ft High; Tilt Angle = 45°
(ISOFOOTCANDLES)



LFL20LUT76 @ 40 Ft High; Tilt Angle = 45°
(ISOFOOTCANDLES)

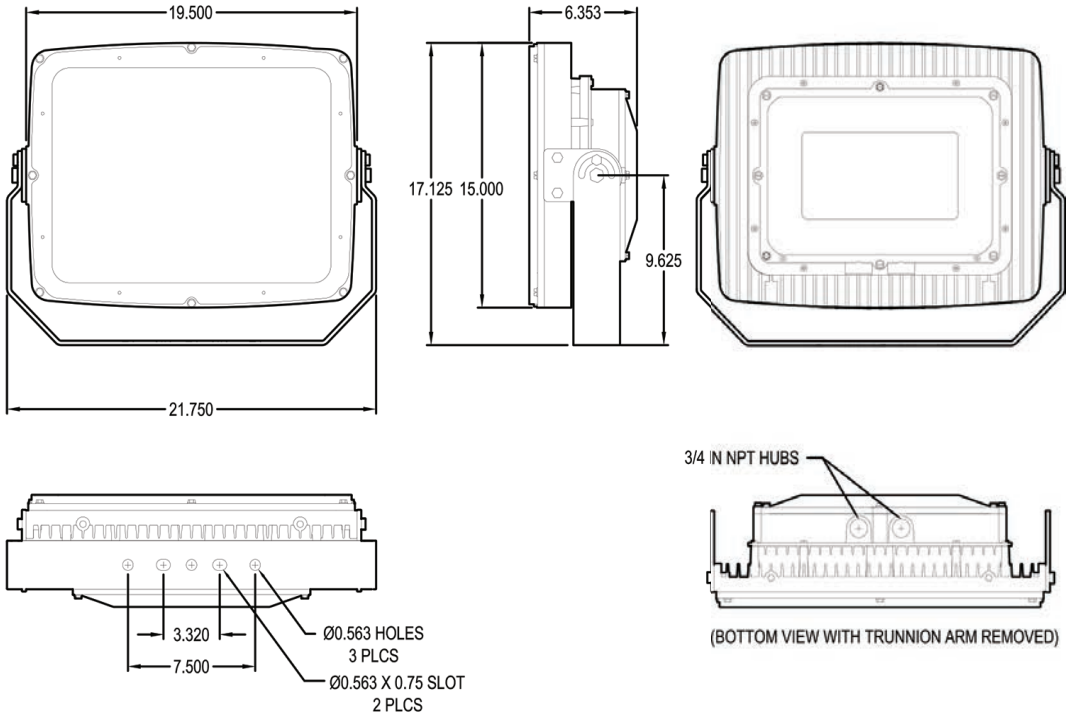


LED

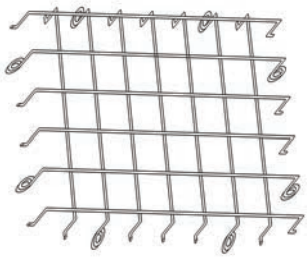
LFL Flood Light

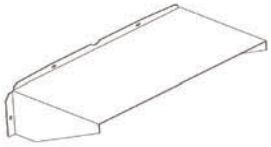
LED Flood Lighting for Harsh Environments

Fixture Dimensions (inches)



Accessories

Guard	Catalog Number
	86009

Visor	Catalog Number
	86036P

SAFETY CABLE	Catalog No.	Shipping Weight (Lbs.)
	10128R	1.0

LHFL FLOOD LIGHT

LED Flood Lighting for Hazardous Locations

- Class I, Division 2, Groups A, B, C & D
- Class II, Divisions 1 & 2, Groups E, F & G
- Class III
- Zone 2, Groups IIA, IIB & IIC
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- 65°C Ambient Temperature (Class I, Division 2)
- 55°C Ambient Temperature (Class II & III)
- CAN/CSA C22.2 No. 250.0-08
- CAN/CSA C22.2 No. 137-M1981
- IECEx
  - Ex nA nC IIC T5 Gc
  - Ex tC IIIC T100°C Dc
  - -20°C ≤ Ta ≤ 55°C, IP66
  - Certificate: IECEx ETL 14.0003X
- ATEX
  - Ⓔx II 3 GD
  - Ex nA nC IIC T5 Gc
  - Ex tc IIIC T100°C Dc
  - -20°C ≤ Ta ≤ 55°C, IP66
  - Certificate: ITS14ATEX47946X
- DLC Listed
- Tested to LM79, LM80 Standards
- ABS Type Approved
- IP66
- NEMA 4X
- Tested to LM79, LM80 Standards



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ETL MARINE LISTED Intertek

ABS TYPE APPROVED PRODUCT

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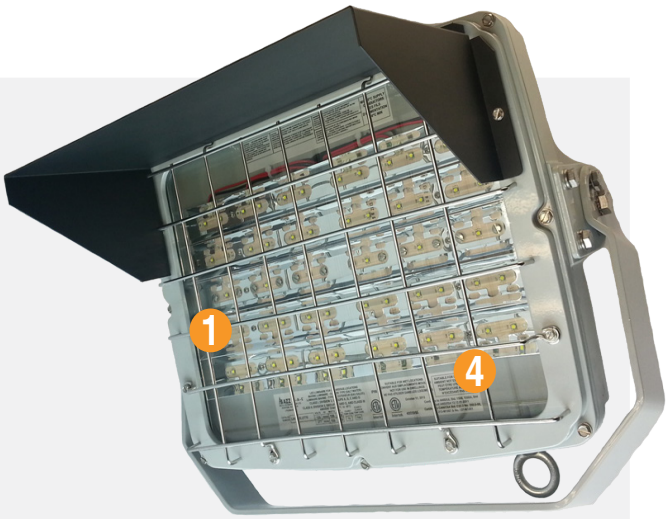
LHFL LED

LHFL FLOOD LIGHT SERIES

LED Flood Lighting for Hazardous Locations

Key Features:

1. High-performance precision optics system
2. Driver access plate features stainless steel safety retention chain and captive hardware
3. Field replaceable LED circuit boards and drivers with quick disconnects
4. Approved for high-ambient applications, up to 65° C
5. Two (2) permanent safety cable retention points





Additional Features:

- Versatile trunnion-mount, with 180° range of motion
- Dual hub entries, feed-through capable
- Optional polycarbonate lens
- Terminal block
- Standard surge protection: 2kV (L-N), 4kV(L-G, N-G, L&N-G) (10kV option available)
- 5-year warranty

Standard Materials:

- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: Silicone
- Lens: Tempered Glass
- Hardware: Stainless Steel

LED

LHFL Flood Light

LED Flood Lighting for Hazardous Locations

Catalog Number Logic

LHFL-20-L-U-T-76-XX

1 2 3 4 5 6 7

1 BASIC SERIES
LHFL = N. American Standards
EXLHFL = IEC, ATEX Standards

2 INPUT WATTS
07 = 70W
15 = 130W
20 = 188W

3 LAMP TYPE
L = LED

4 VOLTAGE/FREQUENCY
U = 120 thru 277V 50/60 HZ
N = 347/480V 60 HZ
12 = 120V 60 HZ[1]
22 = 220V 60 HZ[1]
24 = 240V 60 HZ[1]
27 = 277V 60 HZ[1]
34 = 347V 60 HZ[1]
48 = 480V 60 HZ[1]

5 MOUNTING
T = Trunnion

6 BEAM DISTRIBUTION
76 = 7H x 6V

7 OPTIONS[2]
EB = Eye Bolt
FB1 = Single Fuse Block[1,3]
FB2 = Double Fuse Block[1,3]
SP = Surge Protector[1]
PC = Polycarbonate Lens (for Class I & II, Div. 2)
35 = 3500K CCT
40 = 4000K CCT
56 = 5600K CCT

[1] Voltages for fuse block and surge protector.
[2] Consult factory for pricing.
[3] Not for Marine application.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

LHFL Flood Light

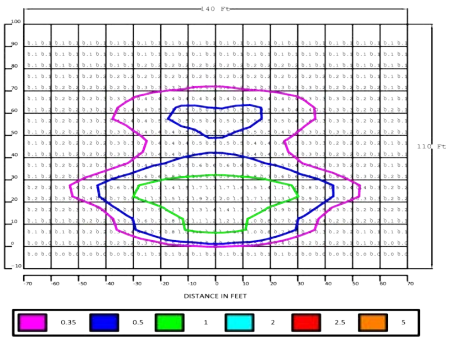
LED Flood Lighting for Hazardous Locations

Certification Guide

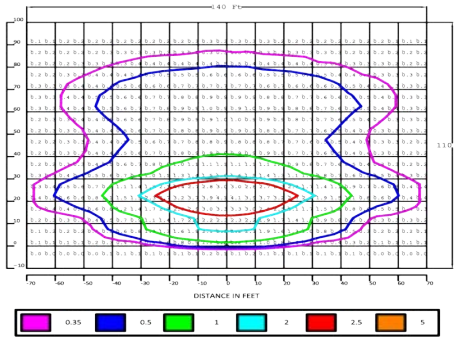
Model	Mount	Wattage	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature	Class 1, Div. 2 Group A, B, C & D	Class II Div. 1 Group E, F & G Class III	Simul Presence	IECEX ATEX Listed	Supply Wire Suitable Temperature, °C	Shipping* Weight (Lbs.)
LHFL07LUT76	Trunnion	70W	120V - 277V 50/60 Hz	6919	106.05	71.7	5108	-20°C < Tamb < 55°C	T5	T4A	T4A	-	90°C	42
LHFL07LNT76	Trunnion	70W	347V/480V 60Hz	6919	106.05	71.7	5108	-20°C < Tamb < 55°C	T5	T4A	T4A	-	90°C	42
LHFL15LUT76	Trunnion	130W	120V - 277V 50/60 Hz	13562	104.51	72.6	5088	-20°C < Tamb < 55°C	T5	T4A	T4A	-	90°C	44
LHFL15LNT76	Trunnion	130W	347V/480V 60Hz	13562	104.51	72.6	5088	-20°C < Tamb < 55°C	T5	T4A	T4A	-	90°C	44
LHFL20LUT76	Trunnion	188W	120V - 277V 50/60 Hz	19518	104.09	75.13	5218	-20°C < Tamb < 55°C	T5	T4A	T4A	-	90°C	45
LHFL20LNT76	Trunnion	188W	347V/480V 60Hz	19518	104.09	75.13	5218	-20°C < Tamb < 55°C	T5	T4A	T4A	-	90°C	45
LHFL07LUT76	Trunnion	70W	120V - 277V 50/60 Hz	6919	106.05	71.7	5108	-20°C < Tamb < 65°C	T5	-	-	-	105°C	42
LHFL07LNT76	Trunnion	70W	347V/480V 60Hz	6919	106.05	71.7	5108	-20°C < Tamb < 65°C	T5	-	-	-	105°C	42
LHFL15LUT76	Trunnion	130W	120V - 277V 50/60 Hz	13562	104.51	72.6	5088	-20°C < Tamb < 65°C	T5	-	-	-	105°C	44
LHFL15LNT76	Trunnion	130W	347V/480V 60Hz	13562	104.51	72.6	5088	-20°C < Tamb < 65°C	T5	-	-	-	105°C	44
LHFL20LUT76	Trunnion	188W	120V - 277V 50/60 Hz	19518	104.09	75.13	5218	-20°C < Tamb < 65°C	T5	-	-	-	105°C	45
LHFL20LNT76	Trunnion	188W	347V/480V 60Hz	19518	104.09	75.13	5218	-20°C < Tamb < 65°C	T5	-	-	-	105°C	45
EXLHFL07LUT76	Trunnion	70W	120V - 277V 50/60 Hz	6919	106.05	71.7	5108	-20°C < Tamb < 55°C	-	-	-	Yes	105°C	42
EXLHFL15LUT76	Trunnion	130W	120V - 277V 50/60 Hz	1352	104.51	72.6	5088	-20°C < Tamb < 55°C	-	-	-	Yes	105°C	44
EXLHFL20LUT76	Trunnion	188W	120V - 277V 50/60 Hz	19518	104.09	75.13	5218	-20°C < Tamb < 55°C	-	-	-	Yes	105°C	45

Photometric Data

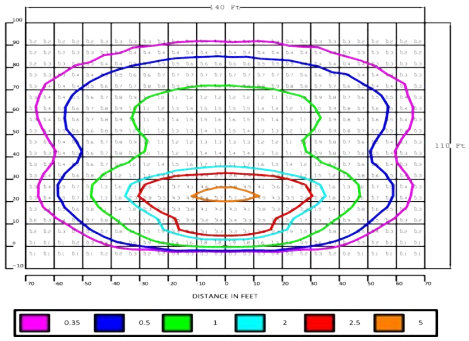
LHFL07LUT76 @ 40 Ft High; Tilt Angle = 45°
(ISOFOOTCANDLES)



LHFL15LUT76 @ 40 Ft High; Tilt Angle = 45°
(ISOFOOTCANDLES)



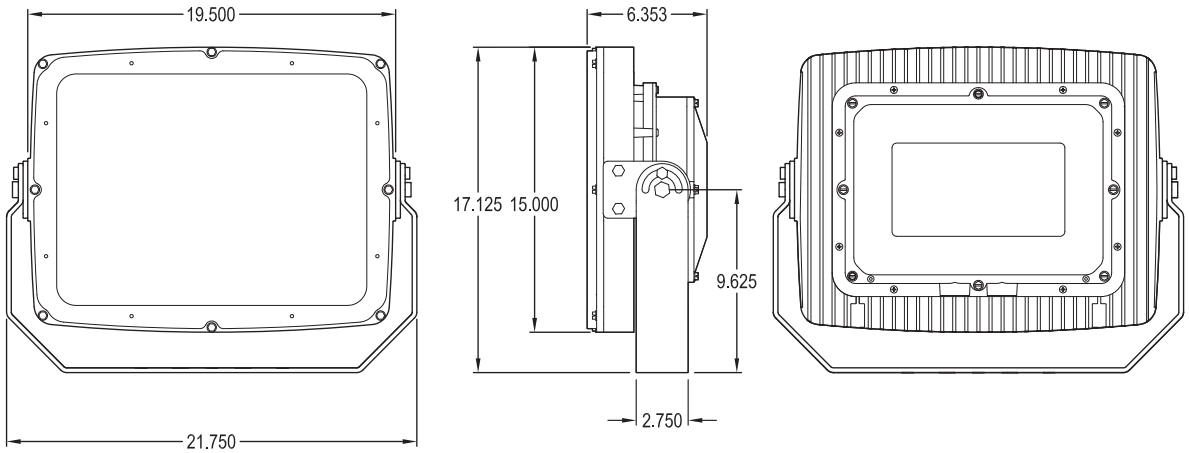
LHFL20LUT76 @ 40 Ft High; Tilt Angle = 45°
(ISOFOOTCANDLES)

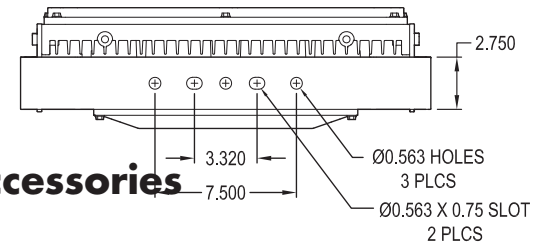


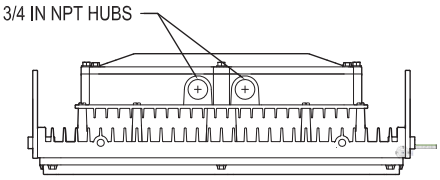
LED

LHFL Flood Light

LED Flood Lighting for Hazardous Locations

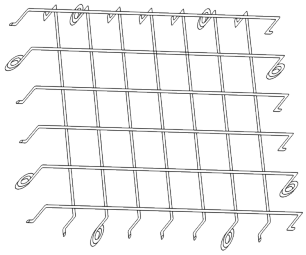


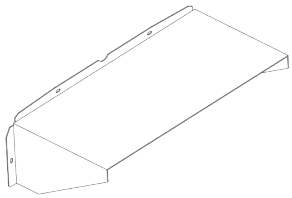




(BOTTOM VIEW WITH TRUNNION ARM REMOVED)

Accessories

Guard	Catalog Number
	86009

Visor	Catalog Number
	86036P

SAFETY CABLE	Catalog No.	Shipping Weight (Lbs.)
	10128R	1.0

LHFL HIGH/MID BAY

LED Area Lighting for Hazardous Locations

LHFL LED

- Class I, Division 2, Groups A, B, C & D
- Class II, Divisions 1 & 2, Groups E, F & G
- Class III
- Zone 2, Groups IIA, IIB & IIC
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- 65°C Ambient Temperature (Class I, Division 2)
- 55°C Ambient Temperature (Class II & III)
- CAN/CSA C22.2 No. 250.0-08
- CAN/CSA C22.2 No. 137-M1981
- Tested to LM79, LM80 Standards
- ABS Type Approved
- IP66
- NEMA 4X



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ETL MARINE LISTED Intertek

ABS TYPE APPROVED PRODUCT

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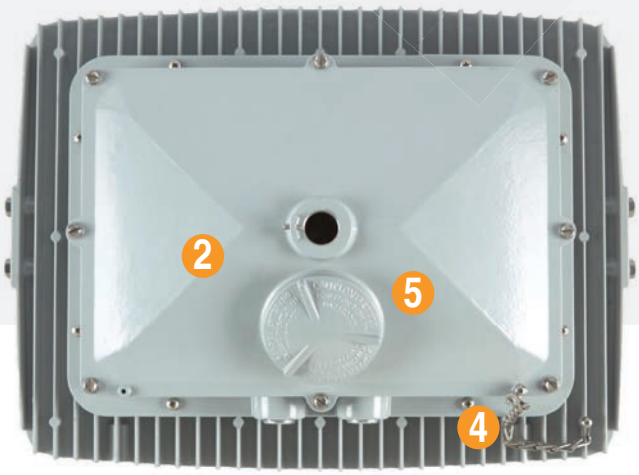
LHFL HIGH/MID BAY

LED Area Lighting for Hazardous Locations

Key Features:

1. High-performance precision optics system
2. Field replaceable LED circuit boards and drivers with quick disconnects
3. Approved for high-ambient applications, up to 65° C
4. Two (2) permanent safety cable retention points
5. Terminal Block





Additional Features:

- Dual hub entries, feed-through capable
- Optional polycarbonate lens
- Terminal block
- Standard surge protection: 2kV (L-N), 4kV(L-G, N-G, L&N-G) (10kV option available)
- 5-year warranty

Standard Materials:

- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: Silicone
- Lens: Tempered Glass
- Hardware: Stainless Steel

LED

LHFL High/Mid Bay

LED Area Lighting for Hazardous Locations

Catalog Number Logic

LHFL-20-L-U-P-76-XX

1 2 3 4 5 6 7

1 BASIC LUMINAIRE

LHFL High/Mid Bay
- Class I, Division 2, Groups A, B, C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Zone 2, Groups IIA, IIB & IIC
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- UL 8750 LED Safety
- CAN/CSA C22.2
- NEMA 4X
- IP66

2 INPUT WATTS

- 07 = 70W
- 15 = 130W
- 20 = 188W

3 LAMP TYPE

- L = LED (5000k CCT)

4 VOLTAGE/FREQUENCY

- U = 120-277V 50/60 HZ
- N = 347/480V 60 HZ
- 12 = 120V 60 HZ[1]
- 22 = 220V 60 HZ[1]
- 24 = 240V 60 HZ[1]
- 27 = 277V 60 HZ[1]
- 34 = 347V 60 HZ[1]
- 48 = 480V 60 HZ[1]

5 MOUNTING

- P = Pendant

6 BEAM DISTRIBUTION

- 76 = 7H x 6V

7 OPTIONS[2]

- EB = Eye Bolt
- FB1 = Single Fuse Block[1,3]
- FB2 = Double Fuse Block[1,3]
- SP = Increased Surge Protection (10kV)[1]
- SC = Safety Cable (Eye Bolt Included)
- PC = Polycarbonate Lens (for Class I & II, Div. 2)
- 35 = 3500K CCT
- 40 = 4000K CCT
- 56 = 5600K CCT

[1] Voltages for fuse block and surge protector.
[2] Consult factory for pricing.
[3] Not for Marine application.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

LHFL High/Mid Bay

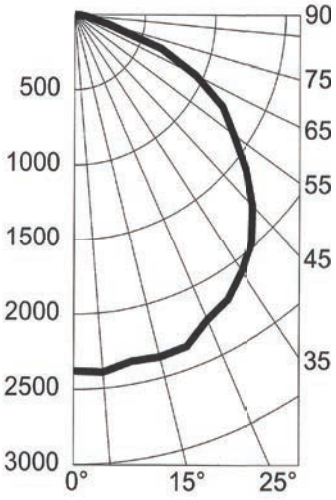
LED Area Lighting for Hazardous Locations

Certification Guide

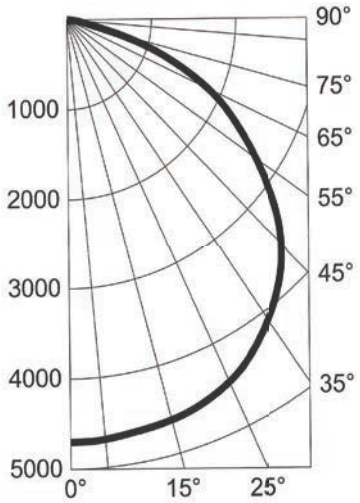
Model	Mount	Wattage	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 1. Group E, F & G Class III	Simultaneous Presence	Supply Wire Suitable Temperature, °C	Shipping* Weight (Lbs.)
LHFL07L	Pendant	70W	120V - 277V 50/60 Hz, 347V/480V 60Hz	6919	106.05	72	5108	-20°C < Tamb < 55°C	T5	T4A	T4A	90°C	38
LHFL15L	Pendant	130W		13562	104.51	73	5088	-20°C < Tamb < 55°C	T5	T4A	T4A	90°C	42
LHFL20L	Pendant	188W		19518	104.09	75	5218	-20°C < Tamb < 55°C	T5	T4A	T4A	90°C	40
LHFL07L	Pendant	70W	120V - 277V 50/60 Hz, 347V/480V 60Hz	6919	106.05	72	5108	-20°C < Tamb < 65°C	T5	-	-	105°C	44
LHFL15L	Pendant	130W		13562	104.51	73	5088	-20°C < Tamb < 65°C	T5	-	-	105°C	41
LHFL20L	Pendant	188W		19518	104.09	75	5218	-20°C < Tamb < 65°C	T5	-	-	105°C	45

Photometric Data

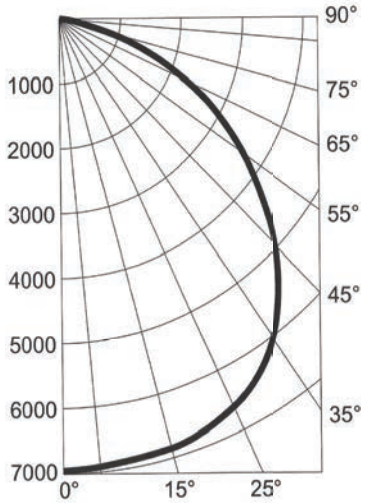
LHFL07LUP76XX



LHFL15LUP76XX



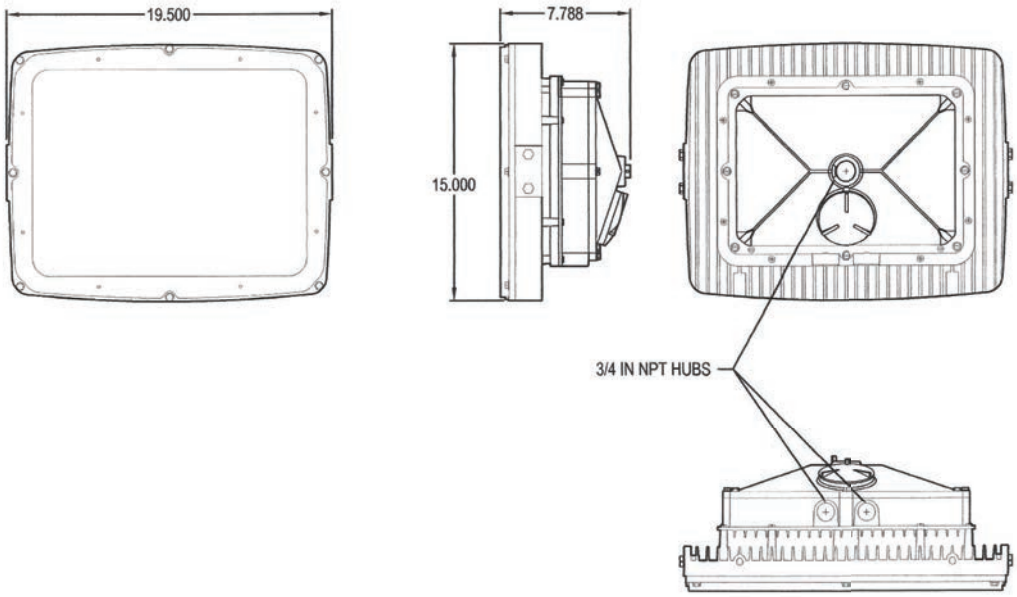
LHFL20LUP76XX



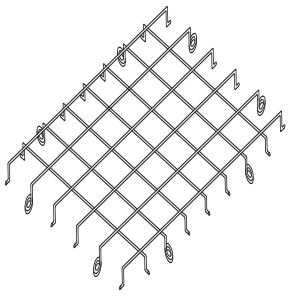
LHFL High/Mid Bay

LED Area Lighting for Hazardous Locations

Fixture Dimensions (inches)



Accessories

Guard	Catalog Number
	86009

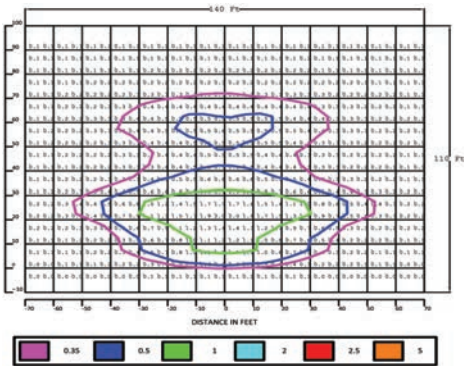
LED

LHFL Series

Hazardous Locations • Cast Aluminum • Class I, Division 2 • Class II • Class III • UL 1598A • UL 844

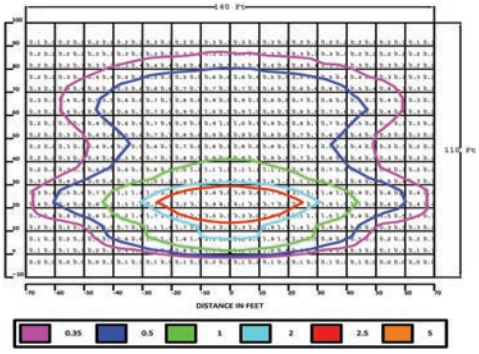
Photometric Data

LFHL07LUT76 @ 40 Ft High; Tilt Angle = 45°
(ISOFOOTCANDLES)



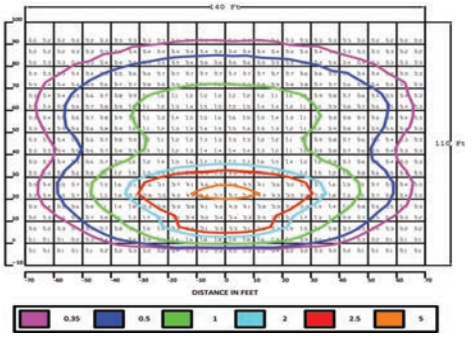
LHFL07LUT76XX	
Total Lumens	6918.94
Input Power (Watts)	65.24
Efficacy (Lumens/Watt)	106.05
CRI	71.7
CCT	5108

LFHL15LUT76 @ 40 Ft High; Tilt Angle = 45°
(ISOFOOTCANDLES)



LHFL15LUT76XX	
Total Lumens	13562.18
Input Power (Watts)	129.77
Efficacy (Lumens/Watt)	104.51
CRI	72.6
CCT	5088

LFHL20LUT76 @ 40 Ft High; Tilt Angle = 45°
(ISOFOOTCANDLES)



LHFL20LUT76XX	
Total Lumens	19518.1
Input Power (Watts)	187.52
Efficacy (Lumens/Watt)	104.09
CRI	75.13
CCT	5218

Certification Guide

Model	Watts	*Ambient Temperature °C	Class I, Div. 2 Groups A,B,C & D	Class II, Div.1 Groups E,F & G Class III	Simultaneous Presence	Supply Wire Suitable Temp °C	UL1598A Outside Type (Salt Water)	CAN/CSA C22.2 No. 250.08 CAN/CSA C22.2 No. 137-M1981
LHFL07	70	40	T5	T4A	T4A	90	✔	✔
LHFL07	70	55	T5	T4A	T4A	90	✔	✔
LHFL15	130	40	T5	T4A	T4A	90	✔	✔
LHFL15	130	55	T5	T4A	T4A	90	✔	✔
LHFL20	188	40	T5	T4A	T4A	90	✔	✔
LHFL20	188	55	T5	T4A	T4A	90	✔	✔

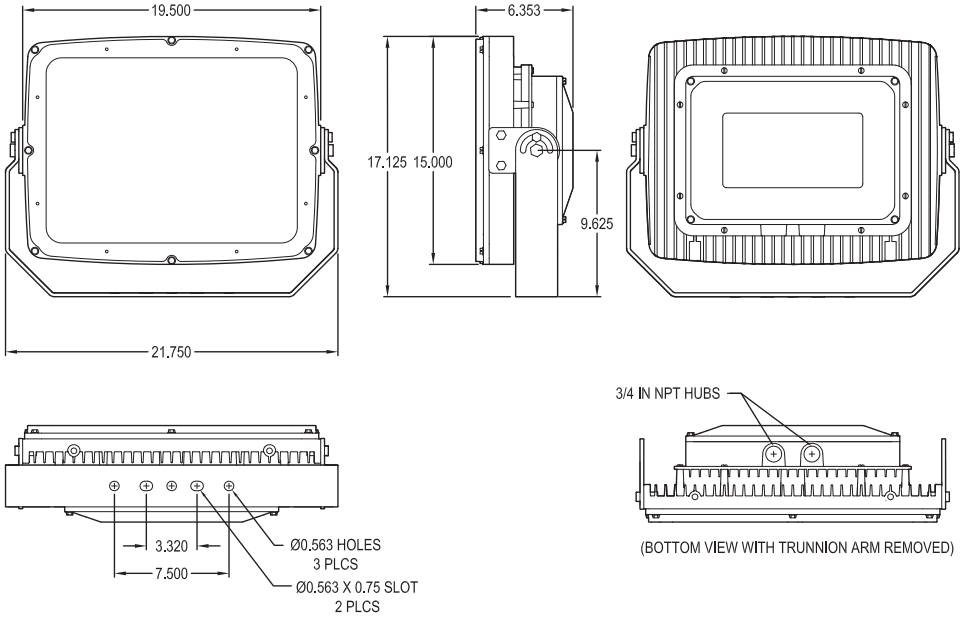
* Maximum ambient temperature for Class I, Div. 2 is 65°C with termperature code T5 for all wattages.

LED

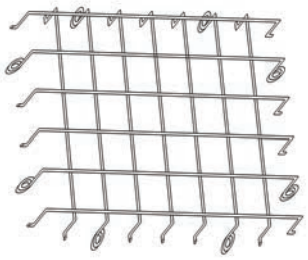
LHFL Series

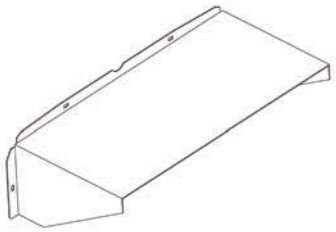
Hazardous Locations • Cast Aluminum • Class I, Divsion 2 • Class II • Class III • UL 1598A • UL 844

Fixture Dimensions (inches)



Accessories

Guard	Catalog Number
	86009

Visor	Catalog Number
	86036P

WFH LED

High-Bay Lighting for Hazardous & Wet Locations

WFH LED

- Class I, Division 2, Groups A, B, C, & D
- Class II, Division 2, Groups F & G
- Class III
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 8750 LED Safety
- NEMA 4X
- CUL Listed
- NSF Certified Food Equipment
- High Pressure Hose Down
- One Piece Welded Aluminum Construction



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WFH

Industrial LED High-Bay Lighting for Hazardous Locations

Key Features:

Watershed design
Stainless steel captive hardware
Philips LED System driver and PCB
Welded aluminum lens frame with electrostatically applied baked on epoxy finish



Additional Features:

- Ceiling, pendant and wall-mounting options
- No external fins
- Optional dimming driver

Standard Materials:

- Body: Corrosion resistant aluminum with electrostatically applied baked on epoxy finish
- Gasket: One-piece silicone
- Lens: Borosilicate glass
- Hardware: Stainless steel

Catalog Number Logic

WFH 150- 24- 4S- CA-U-DH-XX

(1) (2) (3) (4) (5) (6) (7) (8)

(1) BASIC SERIES
WFH LED Fixture
Class I, Division 2, Groups A, B, C, & D
Class II, Division 2, Groups F & G
Class III
UL 844 Hazardous Locations
UL 1598 Wet Locations
UL 8750 LED Safety
NEMA 4X
CUL Listed
NSF Certified Food Equipment
Wash Down Rated

(2) LAMP CURRENT/LAMP WATTAGE
150 = 148W LED

(3) NOMINAL FIXTURE LENGTH
24 = 2 x 4 Foot

(4) NUMBER OF LED STRIPS
4S = 4 LED Strips

(5) LENS TYPE
CA = Clear Acrylic
PA = Prismatic Acrylic
CP = Clear Polycarbonate

(6) VOLTAGE/FREQUENCY
N = 347 thru 480V 50/60 HZ
U = 120 thru 277V 50/60 HZ

(7) MOUNTING
DH = Dual Hub 1/2 in. NPT
SH = Single Hub 3/4 in. NPT

(8) OPTIONS[1]
F = Single Fuse- For USL luminaires only (For luminaires rated 277 VAC or less)
D = Dimmable (0-10 Volt)
DF = Double Fuse- For USL luminairies only (For luminaires rated 277 VAC or less)
HNG = Hinged Lens Frame
35 = 3500K (CCT)
50 = 5000K (CCT)

[1] Consult factory for pricing.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

WFH

Industrial LED High-Bay Lighting for Hazardous Locations



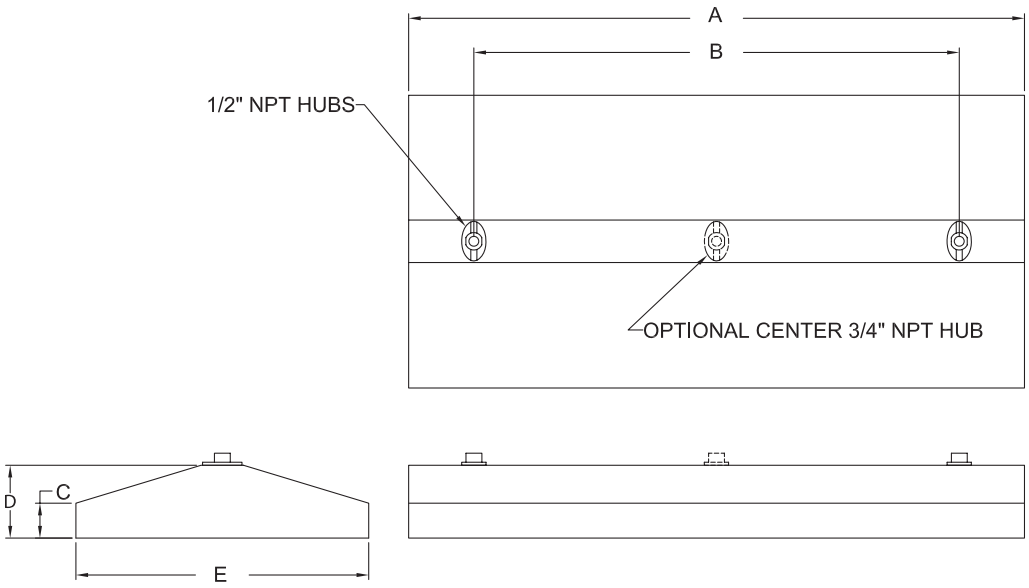
- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class III
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 8750 LED Safety
- NEMA 4X
- CUL Listed
- NSF Certified Food Equipment
- One-piece continuously welded aluminum construction
- Rated for -20° F minimum starting temperature
- 50° C (122° F) maximum ambient temperature
- Suitable for high pressure hose down
- Single or dual hub mounting
- Bolt-on and gasketed cast aluminum hubs
- Water tight, ideal for food processing
- 4000K (CCT) Standard- other options available on catalog number logic page
- 60,000 or more hours rated life expectancy
- Five year warranty against manufacturer's defects

Size	Description	Voltage	Catalog Number
2 foot X 4 foot	148 Watt LED Luminaire with Clear Acrylic Lens	120-277V 50/60HZ	**WFH150244SCAU**
		347-480V 60HZ	**WFH150244SCAN**
	148 Watt LED Luminaire with Prismatic Acrylic Lens	120-277V 50/60HZ	**WFH150244SPAU**
		347-480V 60HZ	**WFH150244SPAN**
	148 Watt LED Luminaire with Clear Polycarbonate Lens	120-277V 50/60HZ	**WFH150244SCPU**
		347-480V 60HZ	**WFH150244SCPN**

Certification Guide

OPERATING TEMPERATURE CODE			
WFH SERIES	**CLASS I, DIVISON 2 GROUPS A, B, C & D**	**CLASS II, DIVISION 2, GROUPS F & G GROUP III**	**MAXIMUM AMBIENT TEMPERATURE**
WFH150244XXU	T5	T6	50° C

Fixture Dimensions (inches)



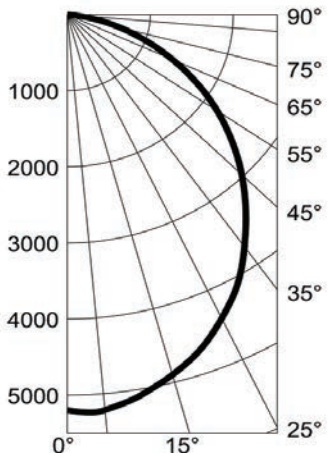
	Dimensions (inches)					Hub Size	Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C	D	E			
WFH Series	50.75	40.0	2.88	6.0	24.13	1/2	39 lbs.	4.7 cu. ft.

LED

WFH

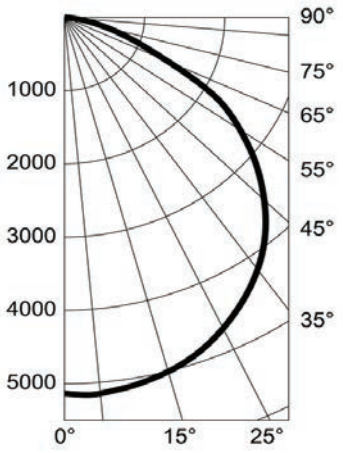
Industrial LED High-Bay Lighting for Hazardous Locations

Photometric Data



Total Lumens	13,090
Input Power (watts)	148.6
Efficacy (Lumens/Watt)	88.1
CRI	82.7
CCT	4000

Photometric Data



Total Lumens	14,112
Input Power (watts)	148.6
Efficacy (Lumens/Watt)	95.0
CRI	82.6
CCT	4000

Coefficients of Utilization

WFH150244SPAUXX

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	20% Effective Floor Cavity Reflectance								
0	1.19	1.19	1.19	1.11	1.11	1.11	1.02	1.02	1.02
1	1.06	1.02	0.99	0.99	0.97	0.94	0.92	0.90	0.88
2	0.94	0.88	0.83	0.89	0.84	0.80	0.83	0.80	0.77
3	0.84	0.76	0.70	0.79	0.73	0.69	0.74	0.70	0.66
4	0.75	0.67	0.61	0.72	0.65	0.60	0.67	0.62	0.58
5	0.68	0.59	0.53	0.64	0.57	0.52	0.61	0.55	0.51
6	0.61	0.52	0.46	0.58	0.51	0.46	0.55	0.49	0.45
7	0.55	0.46	0.41	0.52	0.45	0.40	0.50	0.44	0.39
8	0.50	0.42	0.36	0.48	0.40	0.35	0.45	0.39	0.35
9	0.45	0.37	0.32	0.43	0.36	0.31	0.41	0.35	0.31

Coefficients of Utilization

WFH150244SCAUXX

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	20% Effective Floor Cavity Reflectance								
0	1.19	1.19	1.19	1.11	1.11	1.11	1.02	1.02	1.02
1	1.06	1.03	0.99	1.00	0.97	0.95	0.93	0.91	0.89
2	0.95	0.89	0.84	0.89	0.85	0.81	0.83	0.80	0.77
3	0.84	0.77	0.71	0.80	0.74	0.69	0.75	0.71	0.67
4	0.75	0.68	0.61	0.72	0.65	0.60	0.67	0.63	0.59
5	0.68	0.59	0.53	0.64	0.57	0.52	0.61	0.55	0.51
6	0.61	0.52	0.46	0.58	0.51	0.45	0.55	0.49	0.45
7	0.54	0.46	0.40	0.52	0.44	0.39	0.49	0.43	0.39
8	0.49	0.41	0.35	0.47	0.40	0.35	0.45	0.39	0.34
9	0.45	0.36	0.31	0.43	0.36	0.31	0.41	0.35	0.30

Candlepower Distribution

Deg	Parl.	22.5	45	67.5	Norm
0	5196.8	5196.8	5196.8	5196.8	5196.8
15	4877.6	4856	4863.1	4880.3	4898.5
25	4433.2	4453.2	4423.1	4401.1	4404
35	3807.6	3842.6	3816.6	3730.1	3423.3
45	3086.2	3124.5	3089.7	2995.8	2973.9
55	2346.8	2392.8	2343.4	2224.3	2205.7
65	1521.8	1589.6	1552.2	11436.1	1402.1
75	745.5	770.1	754.2	674.3	659.4
85	103.8	104.1	101.8	96.9	98.6
90	2.2	2.1	2.2	2.2	2.3

Candlepower Distribution

Deg	Parl.	22.5	45	67.5	Norm
0	5130.9	5130.9	5130.9	5130.9	5130.9
15	4933.1	4930.6	4959	4975.2	5004.9
25	4630.2	4626.9	4648.3	4663.9	4684
35	4158.1	4160.8	4171.3	4187.8	4200.5
45	3514.6	3521.1	3523.1	3522.4	3524.8
55	2711.4	2715.6	2697.5	2690.4	2676.6
65	1722.6	1736.1	1702.8	1648.9	1429
75	922.2	926.3	756.7	712.2	731.2
85	44.5	47.7	55	60.3	59.6
90	2.1	2	2	2.2	2.3

Accessories



Eye Bolt Mounting Kit

Catalog Number: 53116
Shipping Weight: 3.0 lbs.
Cable or Chain Not Included
Required with Single Hub Mounting Option



Fixture Hanger

3/4 in. Male Thread
Catalog Number: HCK75
Shipping Weight: 1.7 lbs.



Y Fit Cable with 2 ft. Legs

Stainless Steel
12 ft. Catalog Number: GRYSS122
22 ft. Catalog Number: GRYSS222
Shipping Weight: 4 lbs.



Occupancy Sensor

120/277VAC Sensor Module
Catalog Number: 76007
Shipping Weight: 0.25 lbs.
Lenses:
Lens for 10’ Mounting Height Number: 76003
Lens for 20’ Mounting Height Number: 76008
Lens for 40’ Mounting Height Number: 76009
(not suitable for hazardous locations)

WFHN LED SERIES

High-Bay Lighting for Heavy Hose-Down Environments

- UL 1589 Wet Locations
- UL 8750 LED Safety
- CUL Listed
- NSF Certified Food Equipment
- High Pressure Hose-Down
- One Piece Welded Aluminum Construction



c UL us LISTED

NSF

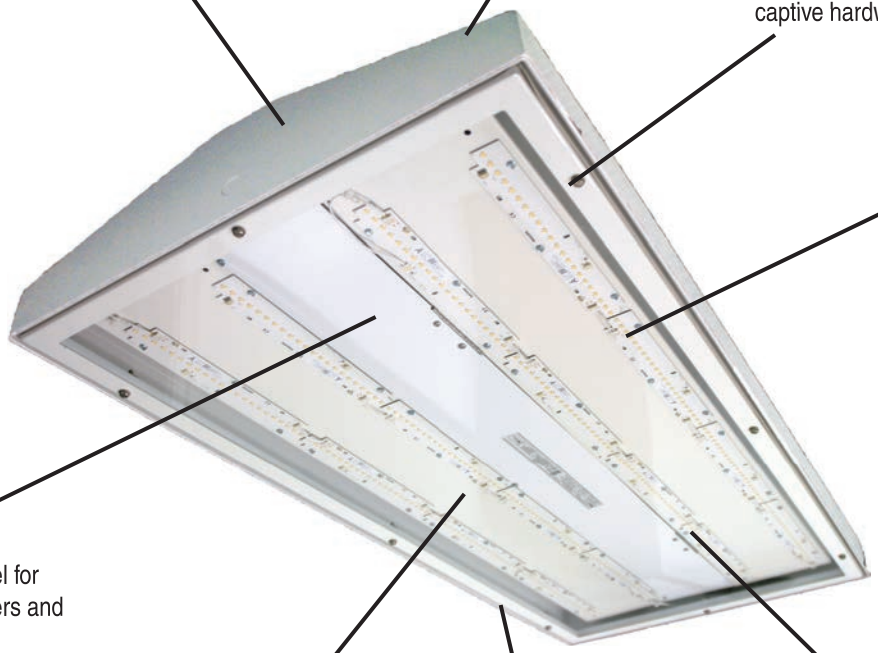
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WFHN LED

WFHN SERIES

LED High-Bay Lighting for Heavy Hose-Down Environments



Heavy duty one-piece continuously welded corrosion resistant aluminum construction with electrostatically applied baked on epoxy finish.

Watershed design.

Stainless steel captive hardware.

Philips LED System (driver & PCB).

Hinged access panel for easy access to drivers and wiring.

High impact clear or prismatic acrylic lens. Clear polycarbonate also available.

Welded aluminum lens frame with electrostatically applied baked on epoxy finish & silicone gasket is held captive with stainless steel cable for clean appearance and cleanability. Stainless steel hinge option available.

4000K CCT LEDs Standard. 3500K or 5000K CCT available.

LED

WFHN Series

UL 1598 Wet Location• CUL • High Pressure Hose Down • NSF Certified

Catalog Number Logic

WFHN 150 - 24 - 4S - CA - U - DH - XX

1 2 3 4 5 6 7 8

1 BASIC SERIES
WFHN LED Fixture
UL 1598 Wet Locations
UL 8750 LED Safety
CUL Listed
NSF Certified Food Equipment
Wash Down Rated

2 LAMP CURRENT/LAMP WATTAGE
150 = 148 Watt LED

3 NOMINAL FIXTURE LENGTH
24 = 2 x 4 Foot

4 NUMBER OF LED STRIPS
4S = 4 LED Strips

5 LENS TYPE
CA = Clear Acrylic
PA = Prismatic Acrylic
CP = Clear Polycarbonate

6 VOLTAGE/FREQUENCY
N = 347 thru 480V 50/60 HZ
U = 120 thru 277V 50/60 HZ

7 MOUNTING
DH = Dual Hub 1/2 in. NPT
SH = Single Hub 3/4 in. NPT

8 OPTIONS[1]
F = Single Fuse- For USL luminairies only (For luminairies rated 277 VAC or less)
D = Dimming Ballast
DF = Double Fuse- For USL luminairies only (For luminairies rated 277 VAC or less)
HNG = Hinged Lens Frame
35 = 3500K CCT
50 = 5000K CCT

[1] Consult factory for pricing.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

WFHN Series

UL 1598 Wet Location • CUL • High Pressure Hose Down • NSF Certified



- UL 1598 Wet Locations
- NEMA 4X
- CUL
- NSF Certified Food Equipment
- One-piece continuously welded aluminum construction
- Rated for -20° F minimum starting temperature
- 50° C (122° F) maximum ambient temperature
- Suitable for high pressure hose down
- Single or dual hub mounting
- Watershed design
- Stainless steel external hardware
- Bolt-on and gasketed cast aluminum hubs
- Water tight, ideal for food processing
- Low temperature rating suitable for freezers
- 4000K CCT standard- other options available on catalog number logic page
- Five year warranty against manufacturers defect

Size	Description	Voltage	Catalog Number
2 foot X 4 foot	148 Watt LED Luminaire with Clear Acrylic Lens	120-277V 50/60HZ	**WFHN150244SCAU**
		347-480V 60HZ	**WFHN150244SCAN**
	148 Watt LED Luminaire with Prismatic Acrylic Lens	120-277V 50/60HZ	**WFHN150244SPAU**
		347-480V 60HZ	**WFHN150244SPAN**
	148 Watt LED Luminaire with Prismatic Polycarbonate Lens	120-277V 50/60HZ	**WFHN150244SCPU**
		347-480V 60HZ	**WFHN150244SCPN**

Accessories



Eye Bolt Mounting Kit

Catalog Number: 53116
Shipping Weight: 3.0 lbs.
Cable or Chain Not Included
Required with Single Hub Mounting Option



Fixture Hanger

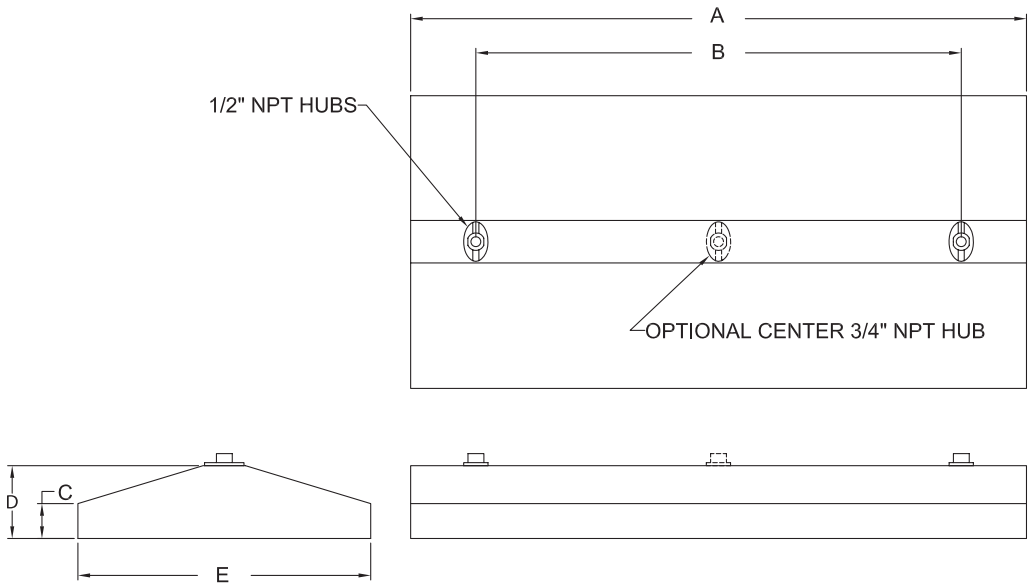
3/4 in. Male Thread
Catalog Number: HCK75
Shipping Weight: 1.7 lbs.

LED

WFHN Series

UL 1598 Wet Location• CUL • High Pressure Hose Down • NSF Certified

Fixture Dimensions (inches)



	Dimensions (inches)					Hub Size	Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C	D	E			
WFHN Series	50.75	40.0	2.88	6.0	24.13	1/2	39 lbs.	4.7 cu. ft.

Accessories



Y Fit Cable with 2 ft. Legs

Stainless Steel
12 ft. Catalog Number: GRYSS122
22 ft. Catalog Number: GRYSS222
Shipping Weight: 4 lbs.



Occupancy Sensor

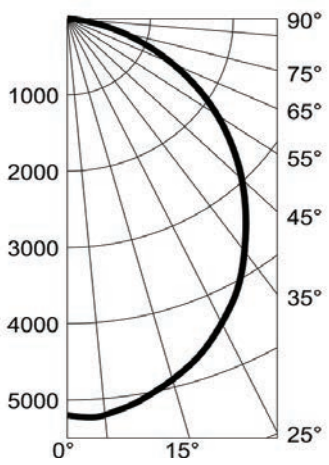
120/277VAC Sensor Module
Catalog Number: 76007
Shipping Weight: 0.25 lbs.
Lenses:
Lens for 10' Mounting Height Number: 76003
Lens for 20' Mounting Height Number: 76008
Lens for 40' Mounting Height Number: 76009
(not suitable for hazardous locations)

LED

WFHN Series

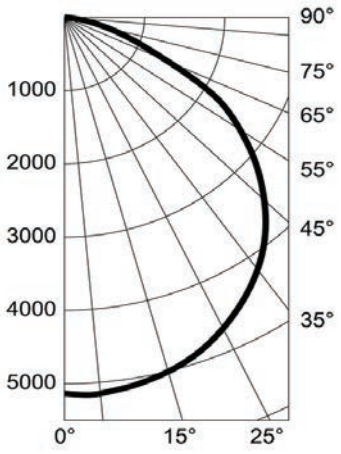
UL 1598 Wet Location • CUL • High Pressure Hose Down • NSF Certified

Photometric Data



Total Lumens	13,090
Input Power (watts)	148.6
Efficacy (Lumens/Watt)	88.1
CRI	82.7
CCT	4000

Photometric Data



Total Lumens	14,112
Input Power (watts)	148.6
Efficacy (Lumens/Watt)	95
CRI	82.6
CCT	4000

Coefficients of Utilization

WFHN150244SPAUXX

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	20% Effective Floor Cavity Reflectance								
0	1.19	1.19	1.19	1.11	1.11	1.11	1.02	1.02	1.02
1	1.06	1.02	0.99	0.99	0.97	0.94	0.92	0.90	0.88
2	0.94	0.88	0.83	0.89	0.84	0.80	0.83	0.80	0.77
3	0.84	0.76	0.70	0.79	0.73	0.69	0.74	0.70	0.66
4	0.75	0.67	0.61	0.72	0.65	0.60	0.67	0.62	0.58
5	0.68	0.59	0.53	0.64	0.57	0.52	0.61	0.55	0.51
6	0.61	0.52	0.46	0.58	0.51	0.46	0.55	0.49	0.45
7	0.55	0.46	0.41	0.52	0.45	0.40	0.50	0.44	0.39
8	0.50	0.42	0.36	0.48	0.40	0.35	0.45	0.39	0.35
9	0.45	0.37	0.32	0.43	0.36	0.31	0.41	0.35	0.31

Coefficients of Utilization

WFHN150244SCAUXX

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	20% Effective Floor Cavity Reflectance								
0	1.19	1.19	1.19	1.11	1.11	1.11	1.02	1.02	1.02
1	1.06	1.03	0.99	1.00	0.97	0.95	0.93	0.91	0.89
2	0.95	0.89	0.84	0.89	0.85	0.81	0.83	0.80	0.77
3	0.84	0.77	0.71	0.80	0.74	0.69	0.75	0.71	0.67
4	0.75	0.68	0.61	0.72	0.65	0.60	0.67	0.63	0.59
5	0.68	0.59	0.53	0.64	0.57	0.52	0.61	0.55	0.51
6	0.61	0.52	0.46	0.58	0.51	0.45	0.55	0.49	0.45
7	0.54	0.46	0.40	0.52	0.44	0.39	0.49	0.43	0.39
8	0.49	0.41	0.35	0.47	0.40	0.35	0.45	0.39	0.34
9	0.45	0.36	0.31	0.43	0.36	0.31	0.41	0.35	0.30

Candlepower Distribution

Deg	Parl.	22.5	45	67.5	Norm
0	5196.8	5196.8	5196.8	5196.8	5196.8
15	4877.6	4856	4863.1	4880.3	4898.5
25	4433.2	4453.2	4423.1	4401.1	4404
35	3807.6	3842.6	3816.6	3730.1	3423.3
45	3086.2	3124.5	3089.7	2995.8	2973.9
55	2346.8	2392.8	2343.4	2224.3	2205.7
65	1521.8	1589.6	1552.2	11436.1	1402.1
75	745.5	770.1	754.2	674.3	659.4
85	103.8	104.1	101.8	96.9	98.6
90	2.2	2.1	2.2	2.2	2.3

Candlepower Distribution

Deg	Parl.	22.5	45	67.5	Norm
0	5130.9	5130.9	5130.9	5130.9	5130.9
15	4933.1	4930.6	4959	4975.2	5004.9
25	4630.2	4626.9	4648.3	4663.9	4684
35	4158.1	4160.8	4171.3	4187.8	4200.5
45	3514.6	3521.1	3523.1	3522.4	3524.8
55	2711.4	2715.6	2697.5	2690.4	2676.6
65	1722.6	1736.1	1702.8	1648.9	1429
75	922.2	926.3	756.7	712.2	731.2
85	44.5	47.7	55	60.3	59.6
90	2.1	2	2	2.2	2.3

AVP LED SERIES

Aluminum Lighting for Marine and Wet Environments

AVP LED

- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- CUL
- NEMA 3, 4 & 4X



c UL us LISTED

MARINE UL LISTED

AVP LED SERIES

Aluminum Lighting for Marine and Wet Environments

Designed to meet the rugged demands of highly corrosive industrial applications, the AVP Series is vapor-tight and enclosed and gasketed fixture. It's rugged construction precludes contamination by dirt, moisture and chemicals and is suitable for indoor and outdoor applications.

Key Features:

1. High lumen output in a compact luminaire
2. Rugged 5/32" thick housing
3. Glare-reducing frosted globe
4. Field replaceable LED circuit boards and drivers with quick disconnects
5. Standard protective guard



Additional Features:

- Ceiling, pendant and wall-mounting options
- No external fins
- Optional dimming driver

Standard Materials:

- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Guard: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gasket: One-piece silicone
- Lens: Borosilicate glass
- Hardware: Stainless steel

LED

AVP Series

Enclosed and Gasketed • UL 1598A • UL 1598 • Wet Locations • CUL • UL 8750



- NEMA 3, 4 & 4X
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- UL 8750 LED Safety
- CUL
- Copper Free Epoxy Coated Aluminum
- Enclosed and gasketed
- Heat Resistant frosted glass globe
- Suitable for indoor or outdoor use
- Suitable for hose-down
- Suitable for commercial and industrial uses only
- 3/4" NPT Hubs
- Dimmable (0-10V)
- Ambient Temperature Range: -20ºC to +40ºC
- Standard CCT - 4000K; See below for options

Catalog Number Logic

AVP 26L -U-HF-G-C-XX

1 2 3 4 5 6 7

1 BASIC SERIES

(i) AVP = Marine
UL 1598A Marine Outside Type
UL 1598 Wet Locations
UL 8750 LED Safety
CUL
NEMA 3, 4 & 4X

(ii) AVPD = Wet and Damp Locations
UL 1598 Wet Locations
UL 8750 LED Safety

2 LAMP WATTAGE AND TYPE

26L = 26 Watt LED

3 BALLAST VOLTAGE

U = 120-277V 50/60 HZ

4 GLOBE

HF = Heat Resistant Frosted Glass Globe

5 GUARD (Required)

G = Guard

6 MOUNTING STYLE

P = Pendant
W = Wall Mount with Box
C = Ceiling

7 OPTIONS

30 = 3000K (CCT)
35 = 3500K (CCT)
50 = 5000K (CCT)

LED

AVP Series

Enclosed and Gasketed • UL 1598A • UL 1598 • Wet Locations • CUL • UL 8750

Mounting Style	Catalog Number		Shipping Weight (Lbs.)
	Marine UL 1598A, UL 1598	Wet Locations UL 1598	
Pendant Mount 	AVP26-L-U-HF-G-P	AVPD26-L-U-HF-G-P	4.1
Ceiling Mount 	AVP26-L-U-HF-G-C	AVPD26-L-U-HF-G-C	4.7
Wall Mount 	AVP26-L-U-HF-G-W	AVPD26-L-U-HF-G-W	5.4

LED

AVP Series

Enclosed and Gasketed • UL 1598A • UL 1598 • Wet Locations • CUL • UL 8750

Coefficients of Utilization

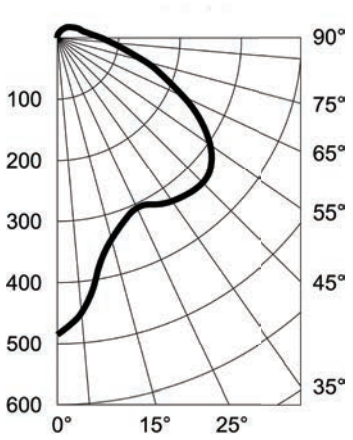
AVP26/AVPD26

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	1.16	1.16	1.16	1.05	1.05	1.05	.92	.92	.92
1	.98	.93	.88	.88	.84	.81	.77	.74	.72
2	.83	.76	.69	.75	.69	.64	.65	.61	.58
3	.72	.63	.56	.65	.58	.52	.56	.51	.47
4	.63	.53	.46	.57	.49	.43	.49	.44	.39
5	.56	.46	.39	.50	.42	.36	.44	.38	.34
6	.49	.40	.33	.45	.37	.31	.39	.34	.29
7	.44	.35	.29	.40	.33	.27	.36	.30	.25
8	.40	.31	.25	.37	.29	.24	.33	.27	.22
9	.37	.28	.22	.34	.26	.21	.30	.24	.20
10	.34	.26	.20	.31	.24	.19	.28	.22	.18

Candlepower Distribution

Deg.	Norm
5	451
15	341
25	307
35	326
45	335
55	304
65	227
75	148
85	89
90	72
95	58
105	43
115	37
125	30
135	25
145	19
155	13
165	8

Photometric Data



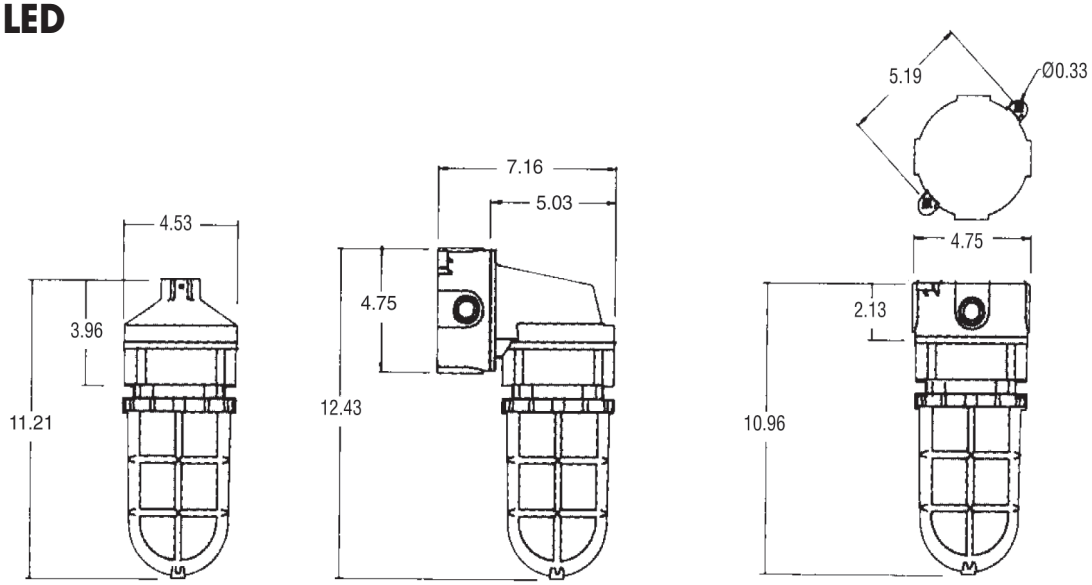
Total Lumens	1746
Input Power (Watts)	25.8
Efficacy	67.7
CRI	82
CCT	3931

AVP Series

Enclosed and Gasketed • UL 1598A • UL 1598 • Wet Locations • CUL • UL 8750

Fixture Dimensions (inches)

26 Watt LED



Accessories

Globe

	Type	Color	Thread Diameter	Catalog Number
	Heat Resistant Tempered Glass	Frosted	3-5/16 in.	VGL100HRFRSTD

Guard

	Description	Catalog Number
	Cast Aluminum Guard	59030AMPG

AVP LED SERIES

Aluminum Lighting for Marine and Wet Environments

AVP LED

- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- CUL
- NEMA 3, 4 & 4X



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MARINE UL LISTED

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AVP LED SERIES

Aluminum Lighting for Marine and Wet Environments

Designed to meet the rugged demands of highly corrosive industrial applications, the AVP Series is vapor-tight and enclosed and gasketed fixture. It's rugged construction precludes contamination by dirt, moisture and chemicals and is suitable for indoor and outdoor applications.

Key Features:

1. High lumen output in a compact luminaire
2. Rugged 5/32" thick housing
3. Glare-reducing frosted globe
4. Field replaceable LED circuit boards and drivers with quick disconnects
5. Standard protective guard



Additional Features:

- Ceiling, pendant and wall-mounting options
- No external fins
- Optional dimming driver

Standard Materials:

- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Guard: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gasket: One-piece silicone
- Lens: Borosilicate glass
- Hardware: Stainless steel

LED

AVP Series

Enclosed and Gasketed • UL 1598A • UL 1598 • Wet Locations • CUL • UL 8750



- NEMA 3, 4 & 4X
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- UL 8750 LED Safety
- CUL
- Copper Free Epoxy Coated Aluminum
- Enclosed and gasketed
- Heat Resistant frosted glass globe
- Suitable for indoor or outdoor use
- Suitable for hose-down
- Suitable for commercial and industrial uses only
- 3/4" NPT Hubs
- Dimmable (0-10V)
- Ambient Temperature Range: -20ºC to +40ºC
- Standard CCT - 4000K; See below for options

Catalog Number Logic

AVP 26L -U-HF-G-C-XX

1 2 3 4 5 6 7

1 BASIC SERIES

(i) AVP = Marine
UL 1598A Marine Outside Type
UL 1598 Wet Locations
UL 8750 LED Safety
CUL
NEMA 3, 4 & 4X

(ii) AVPD = Wet and Damp Locations
UL 1598 Wet Locations
UL 8750 LED Safety

2 LAMP WATTAGE AND TYPE

26L = 26 Watt LED

3 BALLAST VOLTAGE

U = 120-277V 50/60 HZ

4 GLOBE

HF = Heat Resistant Frosted Glass Globe

5 GUARD (Required)

G = Guard

6 MOUNTING STYLE

P = Pendant
W = Wall Mount with Box
C = Ceiling

7 OPTIONS

30 = 3000K (CCT)
35 = 3500K (CCT)
50 = 5000K (CCT)

LED

AVP Series

Enclosed and Gasketed • UL 1598A • UL 1598 • Wet Locations • CUL • UL 8750

Mounting Style	Catalog Number		Shipping Weight (Lbs.)
	Marine UL 1598A, UL 1598	Wet Locations UL 1598	
Pendant Mount 	AVP26-L-U-HF-G-P	AVPD26-L-U-HF-G-P	4.1
Ceiling Mount 	AVP26-L-U-HF-G-C	AVPD26-L-U-HF-G-C	4.7
Wall Mount 	AVP26-L-U-HF-G-W	AVPD26-L-U-HF-G-W	5.4

LED

AVP Series

Enclosed and Gasketed • UL 1598A • UL 1598 • Wet Locations • CUL • UL 8750

Coefficients of Utilization

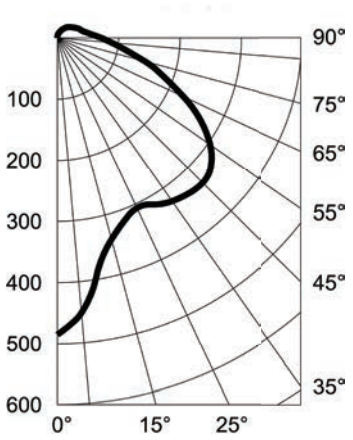
AVP26/AVPD26

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	1.16	1.16	1.16	1.05	1.05	1.05	.92	.92	.92
1	.98	.93	.88	.88	.84	.81	.77	.74	.72
2	.83	.76	.69	.75	.69	.64	.65	.61	.58
3	.72	.63	.56	.65	.58	.52	.56	.51	.47
4	.63	.53	.46	.57	.49	.43	.49	.44	.39
5	.56	.46	.39	.50	.42	.36	.44	.38	.34
6	.49	.40	.33	.45	.37	.31	.39	.34	.29
7	.44	.35	.29	.40	.33	.27	.36	.30	.25
8	.40	.31	.25	.37	.29	.24	.33	.27	.22
9	.37	.28	.22	.34	.26	.21	.30	.24	.20
10	.34	.26	.20	.31	.24	.19	.28	.22	.18

Candlepower Distribution

Deg.	Norm
5	451
15	341
25	307
35	326
45	335
55	304
65	227
75	148
85	89
90	72
95	58
105	43
115	37
125	30
135	25
145	19
155	13
165	8

Photometric Data



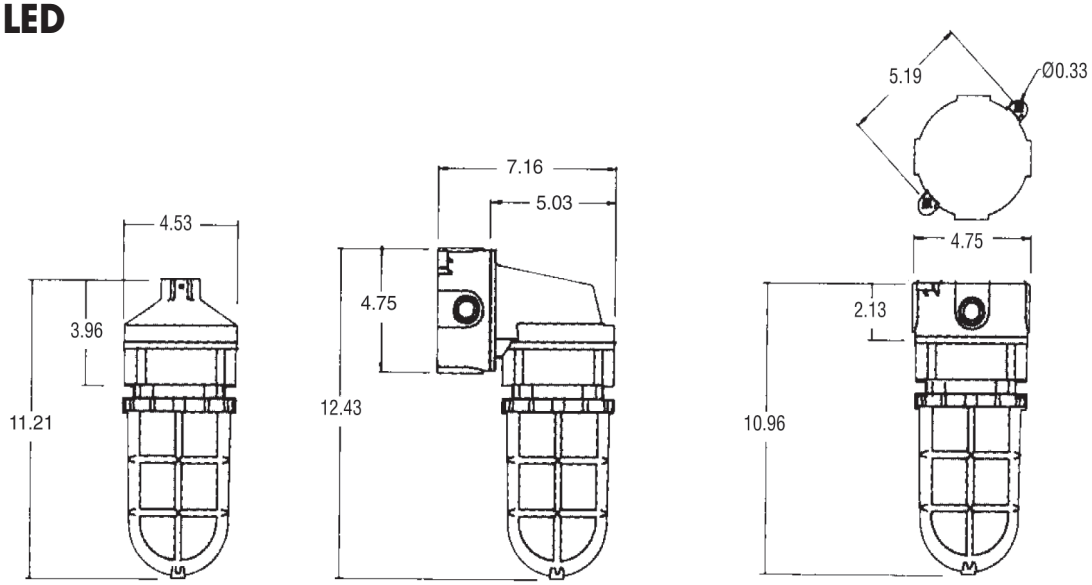
Total Lumens	1746
Input Power (Watts)	25.8
Efficacy	67.7
CRI	82
CCT	3931

AVP Series

Enclosed and Gasketed • UL 1598A • UL 1598 • Wet Locations • CUL • UL 8750

Fixture Dimensions (inches)

26 Watt LED



Accessories

Globe

	Type	Color	Thread Diameter	Catalog Number
	Heat Resistant Tempered Glass	Frosted	3-5/16 in.	VGL100HRFRSTD

Guard

	Description	Catalog Number
	Cast Aluminum Guard	59030AMPG

BVP LED

Brass Lighting for Marine Environments

- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- CUL
- NEMA 4X



c UL us LISTED

MARINE UL LISTED

AZZ™

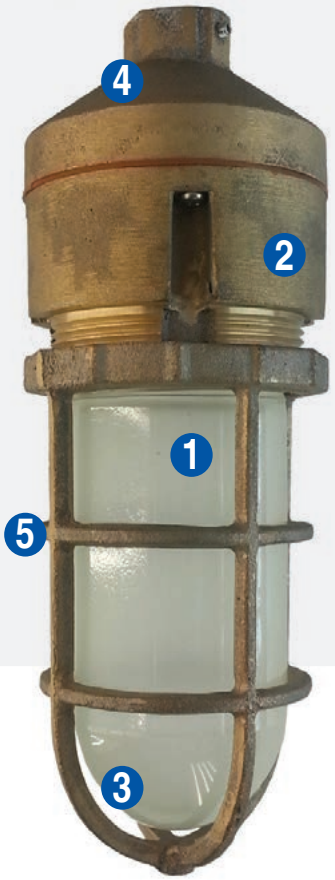
713.943.0340 | azz.com/rigalite

BVP LED

Brass Lighting for Marine Environments

Key Features:

1. Compact luminaire with high lumen output
2. Rugged 5/32” thick housing
3. Glare reducing frosted globe
4. Field replaceable LED circuit boards and drivers with quick disconnects
5. Standard protective guard



Additional Features:

- Ceiling-, pendant-, and wall-mounting options
- No external fins
- Optional dimming driver
- 2 kV Surge protection
- 5-year warranty

Standard Materials:

- Body: Marine Brass
- Guard: Marine Brass
- Gasket: One-piece silicone
- Lens: Borosilicate glass
- Hardware: Stainless steel

Catalog Number Logic

BVP 26L - U - HF - G - C - XX
(1) (2) (3) (4) (5) (6) (7)

(1) BASIC LUMINAIRE
(i) BVP Marine
UL 1598A Marine Outside Type
UL 1598 Wet Locations
UL 8750 LED Safety
CUL
NEMA 4X
(ii) BVPD Wet Locations
UL 1598 Wet Locations
UL 8750 LED Safety

(2) LAMP WATTAGE AND TYPE
26L = 26 Watt LED

(3) BALLAST VOLTAGE
U = 120-277V 50/60 HZ

(4) GLOBE
HF = Heat Resistant Frosted Glass Globe

(5) GUARD (Required)
G = Guard

(6) MOUNTING STYLE
P = Pendant
W = Wall Mount with Box
C = Ceiling

(7) OPTIONS
30 = 3000K (CCT)
35 = 3500K (CCT)
50 = 50000 (CCT)
E1 = 1/2" NPT Dead End (single hole in any location)
E2 = 3/4" NPT Dead End (single hole in any location)
C1 = 1/2" NPT Thru Feed (two holes on opposite sides)*
C2 = 3/4" NPT Thru Feed (two holes on opposite sides)*
L1 = 1/2" NPT 90°(two holes at 90° angle)*
L2 = 3/4" NPT 90°(two holes at 90° angle)*
X1 = 1/2" NPT X (all four hubs drilled)*
X2 = 3/4" NPT X (all four hubs drilled)*

* Ceiling and Wall Mount Only

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

BVP

Brass Lighting for Marine Environments

Certification Guide

Model	Mount	Wattage	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Ambient Temperature	Supply Wire Suitable Temperature, °C
BVP26LUHFG	P, C, W	26W	120V - 277V 50/60 Hz,	1746	67.7	82	3931	-20°C < Tamb < 25°C	90°C

Coefficients of Utilization

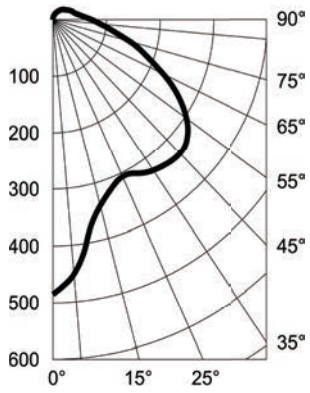
BVP26/BVPD26

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	116	116	116	105	105	105	92	92	92
1	98	93	88	88	84	81	77	74	72
2	83	76	69	75	69	64	65	61	58
3	72	63	56	65	58	52	56	51	47
4	63	53	46	57	49	43	49	44	39
5	56	46	39	50	42	36	44	38	34
6	49	40	33	45	37	31	39	34	29
7	44	35	29	40	33	27	36	30	25
8	40	31	25	37	29	24	33	27	22
9	37	28	22	34	26	21	30	24	20
10	34	26	20	31	24	19	28	22	18

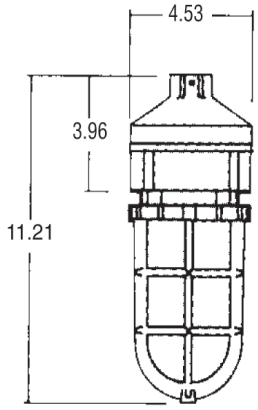
Candlepower Distribution

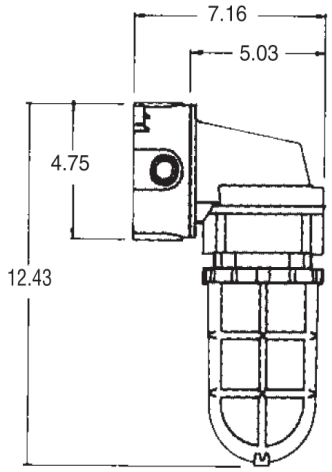
Deg.	Norm
5	451
15	341
25	307
35	326
45	335
55	304
65	227
75	148
85	89
90	72
95	58
105	43
115	37
125	30
135	25
145	19
155	13
165	8

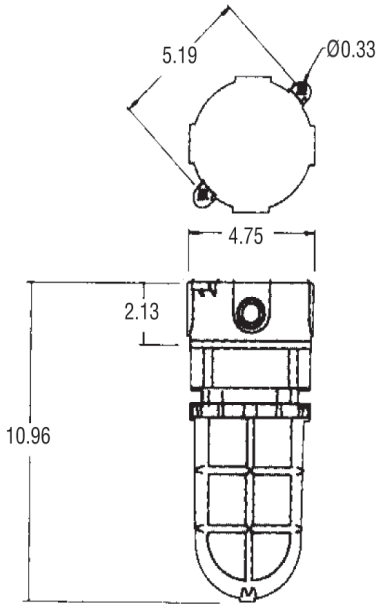
Photometric Data



Fixture Dimensions (inches)







LED

BVP

Brass Lighting for Marine Environments

Mounting Style	Catalog Number		Shipping Weight (Lbs.)
	Marine UL 1598A, UL 1598	Wet Locations UL 1598	
Pendant Mount 	BVP26-L-U-HF-G-P	BVPD26-L-U-HF-G-P	7.5
Ceiling Mount 	BVP26-L-U-HF-G-C	BVPD26-L-U-HF-G-C	8.3
Wall Mount 	BVP26-L-U-HF-G-W	BVPD26-L-U-HF-G-W	14.5

Accessories

Globe

	Type	Color	Thread Diameter	Catalog Number
	Heat Resistant Tempered Glass	Frosted	3-5/16 in.	VGL100HRFRSTD

Guard

	Description	Catalog Number
	Cast Brass Guard	59030BR

HLEX LED SERIES

Hazardous Location Edge Lit LED Exit Sign

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 2, Groups F & G
- Class III
- UL 1598A Marine Outside Type
- Temperature Class (T-Rating)-T6
- Patent No. 7,287,347
- IP65
- ETL Listed



ETL LISTED US Intertek

ETL MARINE LISTED Intertek

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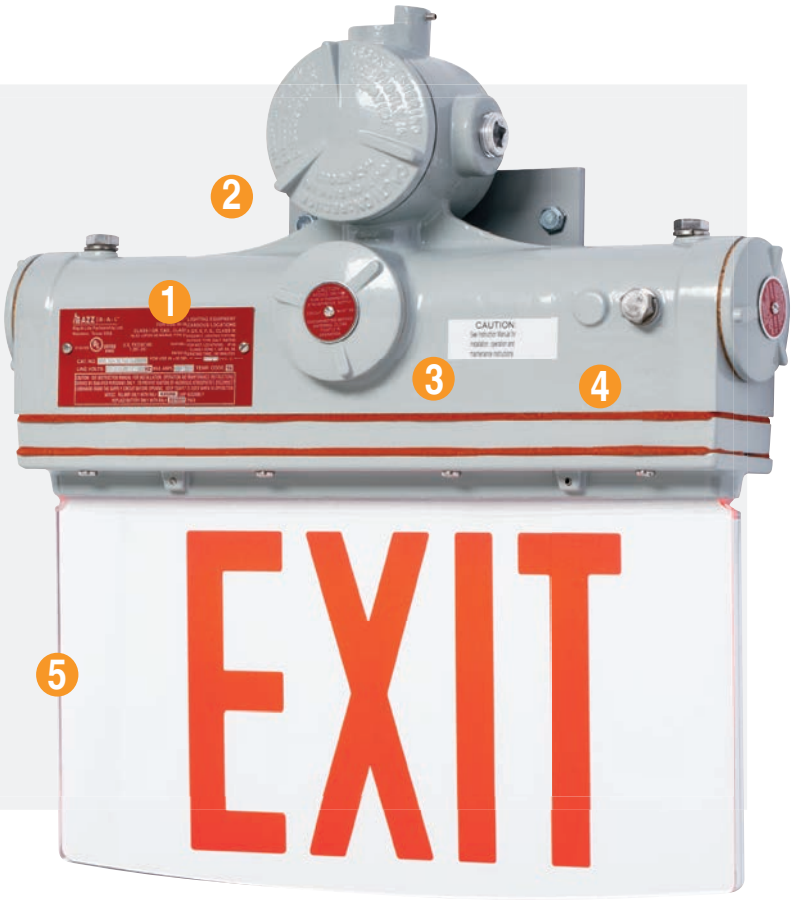
HLEX LED

HLEX LED SERIES

Hazardous Location Edge Lit LED Exit Sign

Key Features:

1. Emergency battery back-up integral to sign (no additional enclosure required)
2. 3-hour emergency operation
3. Optional battery back-up self-diagnostic feature
4. Field replaceable LED circuit boards and drivers with quick disconnects
5. Edge-lit sign



Additional Features:

- Wall, pendant and end mounting options
- Alternate exit legend and languages available
- Single- or double-sided option
- Sealed NiCad batteries
- Provided with three (3) ½ ” NPT hubs
- Red or green LED options

Standard Materials:

- Body: A356T6 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gasket: One-piece silicone
- Sign: Acrylic
- Hardware: Stainless steel

LED

HLEX Series

Hazardous Location Edge Lit LED Exit Sign

Catalog Number Logic

HLEX-2-G-DT-WP-XX

1 2 3 4 5 6

1 BASIC SERIES
HLEX Explosion Proof LED Exit Light
Class I, Division 2, Groups A, B, C, & D
Class II, Division 2, Groups F & G
Class III
UL 1598A Marine Outside Type
IP65
ETL Listed
Temperature Class (T-Rating)-T6

2 NUMBER OF FACES
1 = Single Face
2 = Double Face

3 LEGEND COLOR
R = Red
G = Green

4 VOLTAGE/FREQUENCY
DT = 120/277V 60 HZ
24 = 220-240V 50/60 HZ
Other voltages available- consult factory.

5 MOUNTING
WP = Wall/Pendant Mounting
EB = End Bracket

6 OPTIONS[1]
EM = Emergency Battery Backup
SD = Self Diagnostics
X = Exit Legend in Other Languages
Language Must be Specified

[1]Consult factory for pricing.

Maximum Input Power

Red no battery- 1.5 Watts
Red with battery- 2.5 Watts
Green no battery- 2.3 Watts
Green with battery- 3 Watts

Operating Temperature Range

Temperature Rating- T6
Red Legend
+10° C Minimum to +55° C Maximum
Green Legend
+10° C Minimum to +40° C Maximum

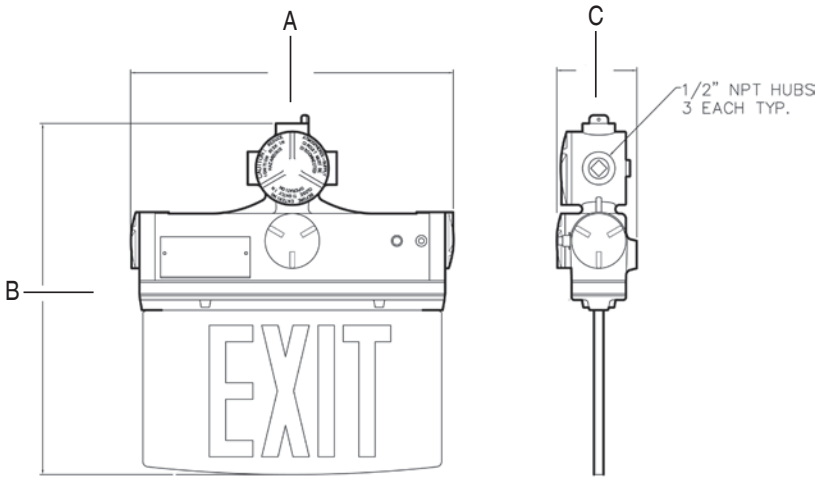
Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

HLEX Series

Hazardous Location Edge Lit LED Exit Sign

HLEX Series Fixture Dimensions (inches)



HLEX Series	Dimensions (inches)			Boxed Weight	Shipping Volume (Boxed Fixture)
	A	B	C		
HLEX LED Exit Sign	14.88	16.00	3.69	14 lbs.	1.24 cu. ft.

HLS LED SERIES

Edge Lit LED Sign for Hazardous Locations

HLS LED

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 2, Groups F & G
- Class III
- UL1598A Marine Outside Type
- Temperature Class (T-Rating)-T6
- Patent No. 7,287,347
- IP65
- ETL Listed



ETL LISTED US Intertek

ETL MARINE LISTED Intertek

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HLS LED SERIES

Edge Lit LED Sign for Hazardous Locations

Key Features:

1. Emergency battery back-up integral to sign (no additional enclosure required)
2. 3-hour emergency operation
3. Optional battery back-up self-diagnostic feature
4. Field replaceable LED circuit boards and drivers with quick disconnects
5. Edge-lit sign



Additional Features:

- Wall, pendant and end mounting options
- Custom colors and languages available
- Single- or double-sided option
- Sealed NiCad batteries
- Provided with three (3) ½ ” NPT hubs
- Red or green LED options

Standard Materials:

- Body: A356T6 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gasket: One-piece silicone
- Sign: Acrylic
- Hardware: Stainless steel

LED

HLS Series

Edge Lit LED Sign for Hazardous Locations

Catalog Number Logic

HLS-2-G-DT-WP-XX

1 2 3 4 5 6

1 BASIC SERIES
Hazardous Location LED Sign Light*
*Customer must specify sign color and legend
Class I, Division 2 Groups A, B, C & D
Class II, Division 2, Groups F & G
Class III
UL 1598A Marine Outside Type
IP65
ETL Listed
Temperature Class (T-Rating)-T6

2 NUMBER OF FACES
1 = Single Face
2 = Double Face

3 LEGEND COLOR
A = Amber
B = Blue
R = Red
G = Green
X = Other (Contact Factory)

4 VOLTAGE/FREQUENCY
DT = 120/277V 60 HZ
24 = 220-240V 50/60 HZ
Other voltages available- consult factory

5 MOUNTING
WP = Wall/Pendant Mounting
EB = End Bracket

6 OPTIONS[1]
EM = Emergency Battery Backup
X = Specify Legend (Cannot Say EXIT)

[1]Consult factory for pricing.

Maximum Input Power

Red no battery- 1.5 Watts
Red with battery- 2.5 Watts
Green no battery- 2.3 Watts
Green with battery- 3.0 Watts

Operating Temperature Range

Temperature Rating- T6
Red Legend
+10° C Minimum to +55° C Maximum
Green Legend
+10° C Minimum to +40° C Maximum

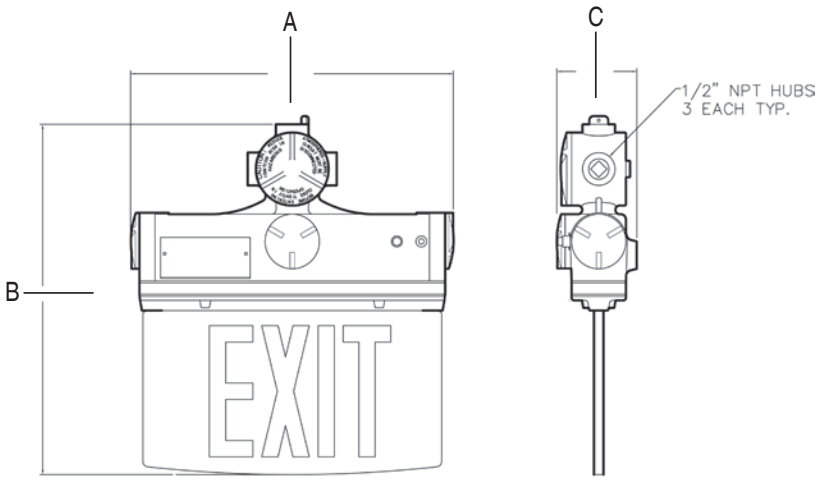
Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

HLS Series

Edge Lit LED Sign for Hazardous Locations

HLS Series Fixture Dimensions (inches)



HLS SERIES	Dimensions (inches)			Boxed Weight	Shipping Volume
	A	B	C		
HLS LED Sign Light	14.88	3.69	16.00	14 lbs.	1.24 cu. ft.

XPEL LED SERIES

Explosion Proof LED Emergency Light

- Class I, Division 1, Groups C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Class I, Zone 1, Groups IIA, IIB
- UL 844, 1598, 8750 & 924
- UL 1598A Marine Outside Type (Salt Water)
- USCG Regulation 46 CFR Subparts 111.75-15 (e) & 112.43
- CUL
- IP65
- NEMA 4X
- Suitable for Wet Locations
- Patent Pending



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MARINE UL LISTED

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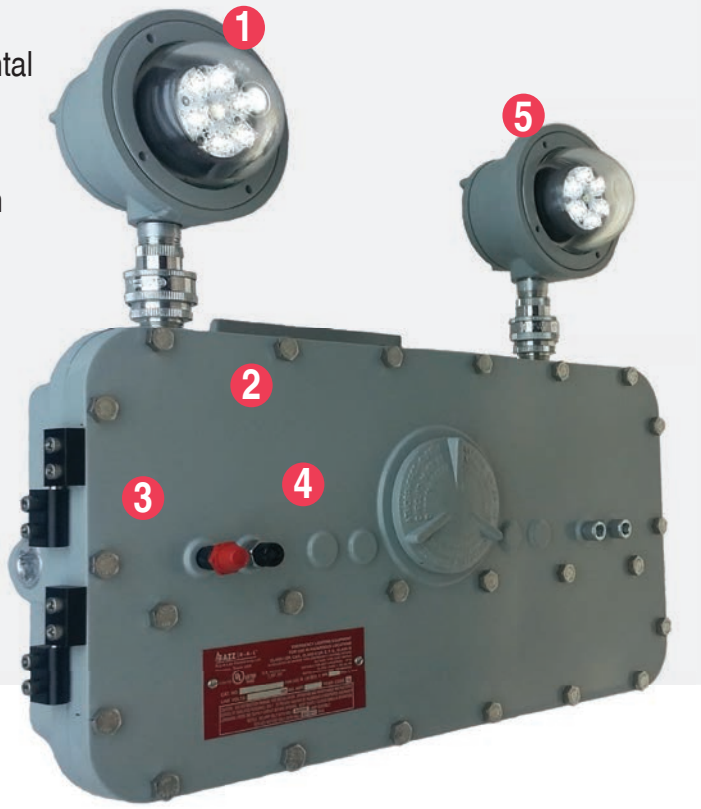
XPEL LED

XPEL SERIES

Explosion Proof LED Emergency Light

Key Features:

1. High lumen spot lights (2) can be adjusted in horizontal and vertical planes
2. Unit can power up to 2 (optional) remote spot lights
3. Field replaceable LED circuit boards and drivers with quick disconnects
4. Emergency battery back-up integral to luminaire (no additional enclosure required)
5. 3-hour emergency operation



Additional Features:

- Wall, pendant and end mounting options
- Captive hinged-access door
- Wide- and narrow-beam optics available
- Separate push-to-test and pilot light for local and remote heads
- Provided with three (3) 1” NPT hubs

Standard Materials:

- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gasket: One-piece neoprene
- Hardware: Stainless steel

LED

XPEL Series

Explosion Proof • UL 844 • UL 1598 • UL 8750 • UL 924 • UL 1598A Marine Outside Type • CUL

Catalog Number Logic

XPEL-U-2-2-M

1 2 3 4 5

1 BASIC SERIES

XPEL
Class I, Division 1, Groups C & D
Class II, Division 1, Groups E, F & G
Class III
Class I , Zone 1, Groups IIA, IIB,
UL 844, 1598, 8750 & 924
UL 1598A Marine Outside Type (Salt Water)
USCG Regulation 46 Sub Part 111.75-15(e) & 112.43
CUL
IP65
NEMA 4X
Suitable for Wet Locations

2 VOLTAGE / FREQUENCY

U = 120 thru 277V 50/60HZ

3 INSTALLED HEADS

0 = None
1 = One
2 = Two

4 REMOTE HEADS[1]

0 = None
1 = One
2 = Two
3 = Three
4 = Four

Combinations Available		
Installed	Remote	Drivers
2	0	1
1	1	1
0	2	1
2	2	2
1	3	2
0	4	2

5 OPTIONS[2]

M = Medium Beam Optics (STANDARD)
N = Narrow Beam Optics
W = Wide Beam Optics

[1]XPEL Series emergency lights with remote head option are provided with extra LED driver. Remote heads can only be wired to the emergency fixtures with remote head option. LED heads are furnished with 1/2"-14 NPT male hub, must be installed on suitably listed explosion proof junction box not provided by RAL.

[2]Consult factory for pricing.

Maximum Input Power

XPEL Emergency Light with:

2 LED heads - 4 W
4 LED heads - 8 W

Maximum Output Data

Each Remote Head:

Voltage: 22V DC. max.
Current: 0.225 A (225mA)
Max. Power: 5 W

Certification Guide

XPEL Series Emergency Light	Ambient Temperature Range	Class I, Division 1 Groups C & D	Class II, Division 1 Groups E, F & G Class III	Simultaneous Presence Class I & II	UL 1598A Marine	CUL
XPEL	+10° C to +55° C	T6	T6	T6	Yes	Yes

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

XPEL Series

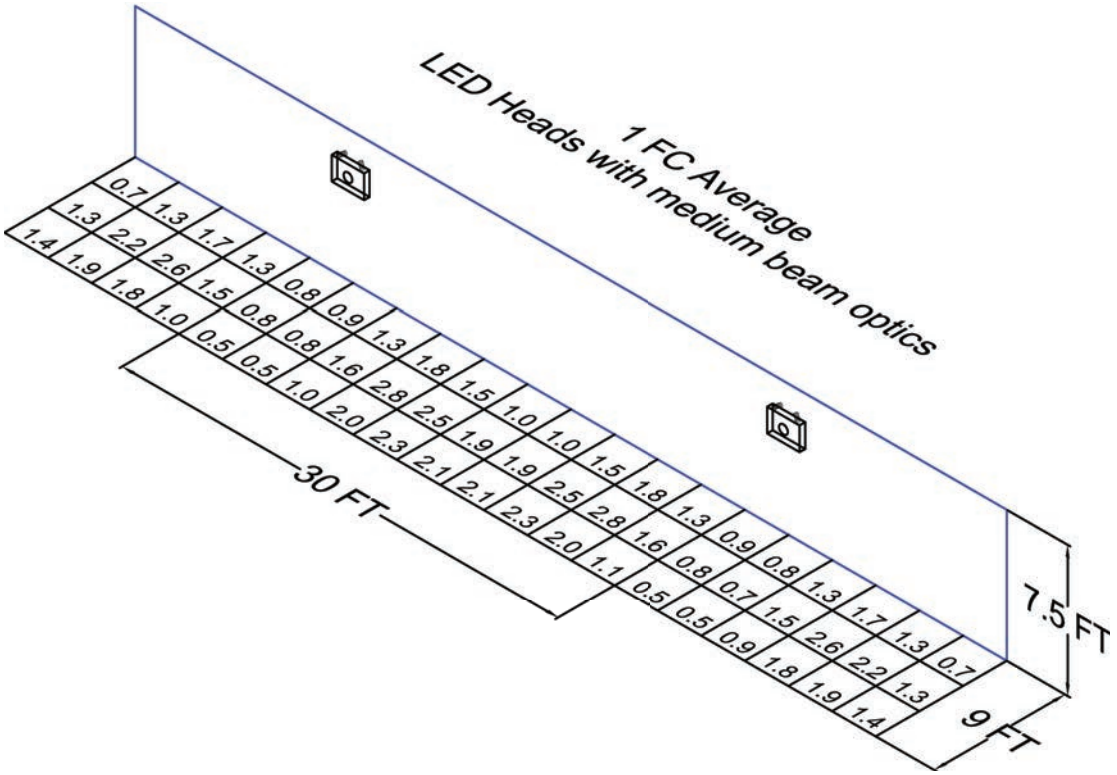
Explosion Proof • UL 844 • UL 1598 • UL 8750 • UL 924 • UL 1598A Marine Outside Type • CUL

Photometric Data

XPEL LED head with medium beam optics:

Total Lumens per Head	420.78
Output Power per Head	4.83
Efficacy (Lumens/Watts)	87.12
CRI	72
CCT	5672

Average Initial Footcandles at the Floor	1.49
Maximum Initial Footcandles at the Floor	2.80
Minimum Initial Footcandles at the Floor	0.50
Maximum to Minimum Ratio	5.60

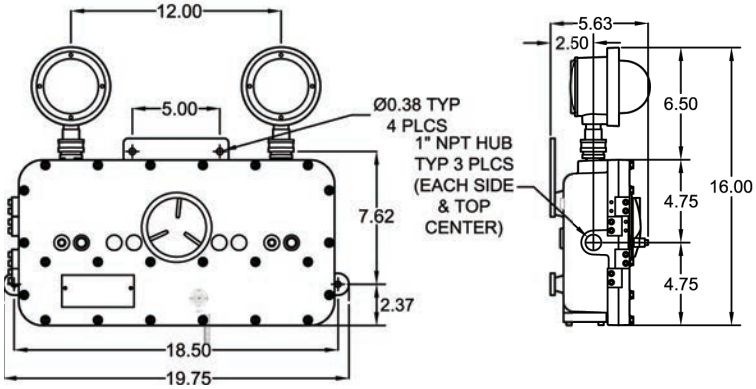


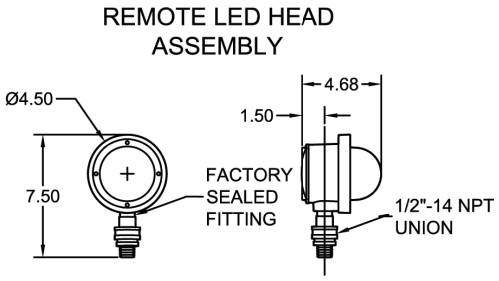
LED

XPEL Series

Explosion Proof • UL 844 • UL 1598 • UL 8750 • UL 924 • UL 1598A Marine Outside Type • CUL

XPEL Series Fixture Dimensions (inches)





XPEL SERIES	Shipping Weight	Shipping Volume
Emergency Light	35.0 lbs.	2.2 cu. ft.
Emergency Light with Remote Heads Option*	38.0 lbs.	2.2 cu. ft.
Remote Head Assembly	3.5 lbs.	0.27 cu. ft.

* Remote Head Assemblies are shipped separately.
(Additional weight of the emergency light is due to extra driver for remote heads.)

XPEH LED

Explosion Proof LED Emergency Light & Exit Sign

- Class I, Division 1, Groups C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Class I, Zone 1, Groups IIA, IIB
- USCG Regulation 46 CFR Subparts 111.75-15(e) & 112.43
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- UL 924 Emergency Lighting
- CUL
- IP65
- NEMA 4X
- Patent No. 7,287,347;
  Other Patents Pending



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MARINE UL LISTED

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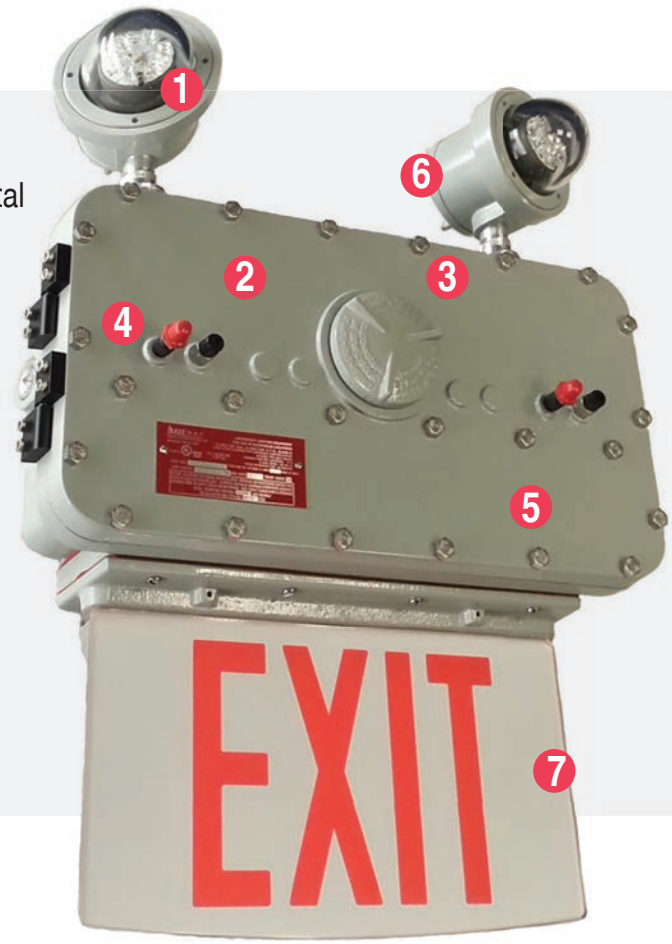
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XPEH LED

Explosion Proof LED Emergency Light & Exit Sign

Key Features:

1. Two high lumen spot lights can be adjusted in horizontal and vertical planes
2. Independent battery backup system for exit signs and spotlights
3. Unit can power up to two optional remote spot lights
4. Field replaceable LED circuit boards and drivers with quick disconnects
5. Emergency battery back-up integral to sign (no additional enclosure required)
6. 3-hour emergency operation
7. Edge-lit sign



Additional Features:

- Wall, pendant and end mounting options
- Captive, hinged-access door
- Wide and narrow-beam optics available
- Separate push-to-test and pilot light for local and remote heads
- Separate sealed NiCad batteries for exit sign
- Alternate exit legend and languages available
- Single- or double-sided option
- Three 1” NPT hubs
- Red or green LED options

Standard Materials:

- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gasket: One-piece neoprene
- Sign: Acrylic
- Hardware: Stainless steel

LED

XPEH

Explosion Proof LED Emergency Light & Exit Sign

Catalog Number Logic

XPEH-1-R-DT-2-2-XX

1 2 3 4 5 6 7

1 BASIC LUMINAIRE
XPEH LED
Class I, Division 1, Groups C & D
Class II, Division 1, Groups E, F & G
Class III
Class I , Zone 1, Groups IIA, IIB,
UL 844, 1598, 8750, 924
UL 1598A Marine Outside Type (Salt Water)
USCG Regulation 46 CFR Subparts 111.75-15 (e) & 112.43
CUL
IP65
NEMA 4X
Suitable for Wet Locations

2 NUMBER OF FACES
1 = Single Face
2 = Double Face

3 LEGEND COLOR
R = Red
G = Green

4 VOLTAGE / FREQUENCY
DT = 120/277V 60HZ
24 = 220-240V 50HZ

5 INSTALLED HEADS
0 = None
1 = One
2 = Two

6 REMOTE HEADS[1]
0 = None
1 = One
2 = Two
3 = Three
4 = Four

Combinations Available		
Installed	**Remote**	**Drivers**
2	0	1
1	1	1
0	2	1
2	2	2
1	3	2
0	4	2

7 OPTIONS[2]
N = Narrow Beam Optics
W = Wide Beam Optics
X = EXIT Legend in other languages
Language must be specified

[1]XPEH Series emergency lights with remote head option are provided with extra LED driver. Remote heads can only be wired to the emergency fixtures with remote head option. LED heads are furnished with 1/2"-14 NPT male hub, must be installed on suitably listed explosion proof junction box not provided by RAL.

[2]Consult Factory for pricing.

Maximum Input Power

XPEH Emergency Light with:

Red Exit Sign & 2 LED heads - 6.5 W
Red Exit Sign & 4 LED heads - 10.5 W

Green Exit Sign & 2 LED heads - 7 W
Green Exit Sign & 4 LED heads - 11W

Maximum Output Data

Each Remote Head:

Voltage: 22V DC. max.
Current: 0.225 A (225mA)
Max. Power: 5 W

Certification Guide

XPEH Series Emergency Combo with:	Ambient Temperature Range	Class I, Division 1 Groups C & D	Class II, Division 1 Groups E, F & G Class III	Simultaneous Presence Class I & II	UL 1598A Marine	CUL
Green Exit Sign	10° C to 35° C	T6	T6	T6	Yes	Yes
Red Exit Sign	10° C to 45° C	T6	T6	T6	Yes	Yes

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

LED

XPEH

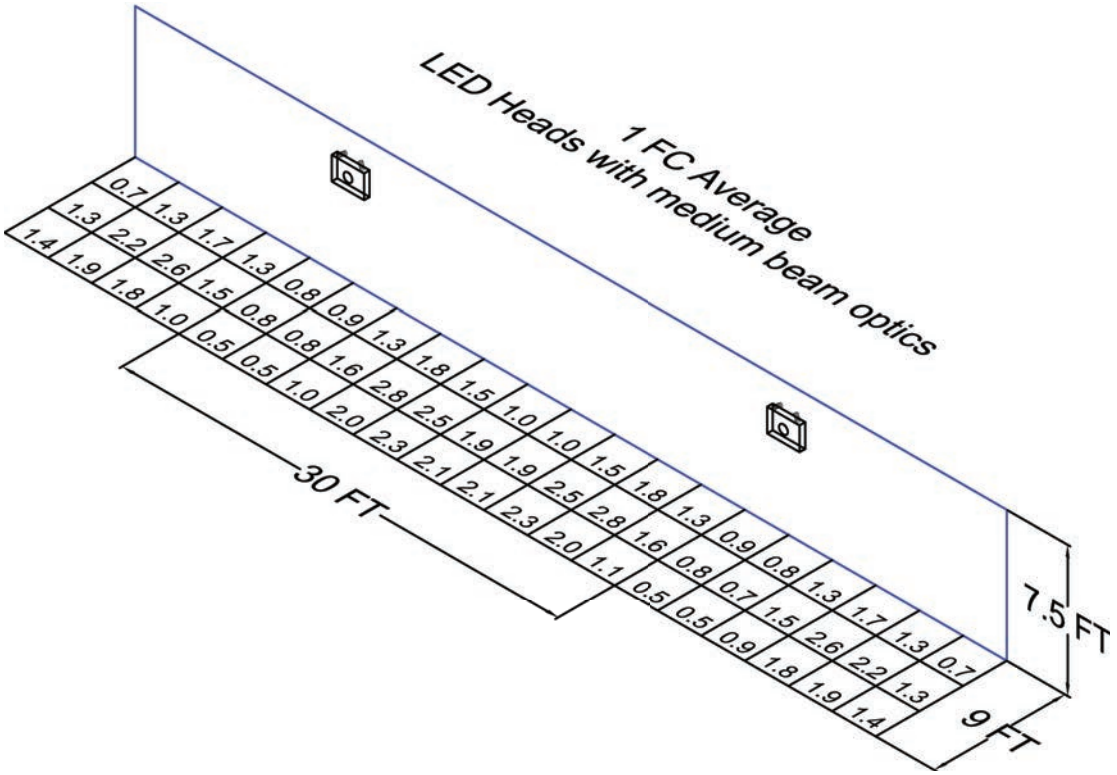
Explosion Proof LED Emergency Light & Exit Sign

Photometric Data

XPEH LED head with medium beam optics:

Total Lumens per Head	420.78
Output Watts per Head	4.83
Efficacy (Lumens/Watts)	87.12
CRI	72
CCT	5672

Average Initial Footcandles at the Floor	1.49
Maximum Initial Footcandles at the Floor	2.80
Minimum Initial Footcandles at the Floor	0.50
Maximum to Minimum Ratio	5.60

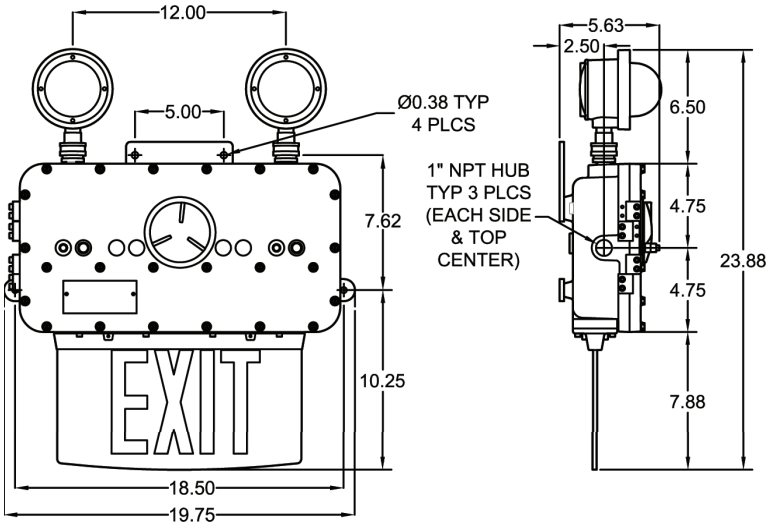


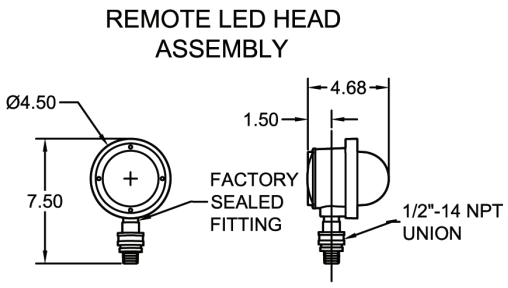
LED

XPEH

Explosion Proof LED Emergency Light & Exit Sign

XPEH Series Fixture Dimensions (inches)





XPEH SERIES	Shipping Weight	Shipping Volume
Emergency Combo	40.5 lbs.	3.1 cu. ft.
Emergency Combo with Remote Heads Option*	43.5 lbs.	3.1 cu. ft.
Remote Head Assembly	3.5 lbs.	0.27 cu. ft.

* Remote Head Assemblies are shipped separately.
(Additional weight of the emergency light is due to extra driver for remote heads.)

XPEX LED SERIES

Explosion Proof Edge Lit LED Exit Light

- Class I, Division 1, Groups C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Class I, Zone 1, Groups IIA, IIB,
- Zone 2, Groups IIA, IIB + H2 & IIC
- UL 844, 8750 & UL924
- UL 1598A Marine Outside Type
- Temperature Class (T-Rating)-T6
- Patent No. 7,287,347
- IP65



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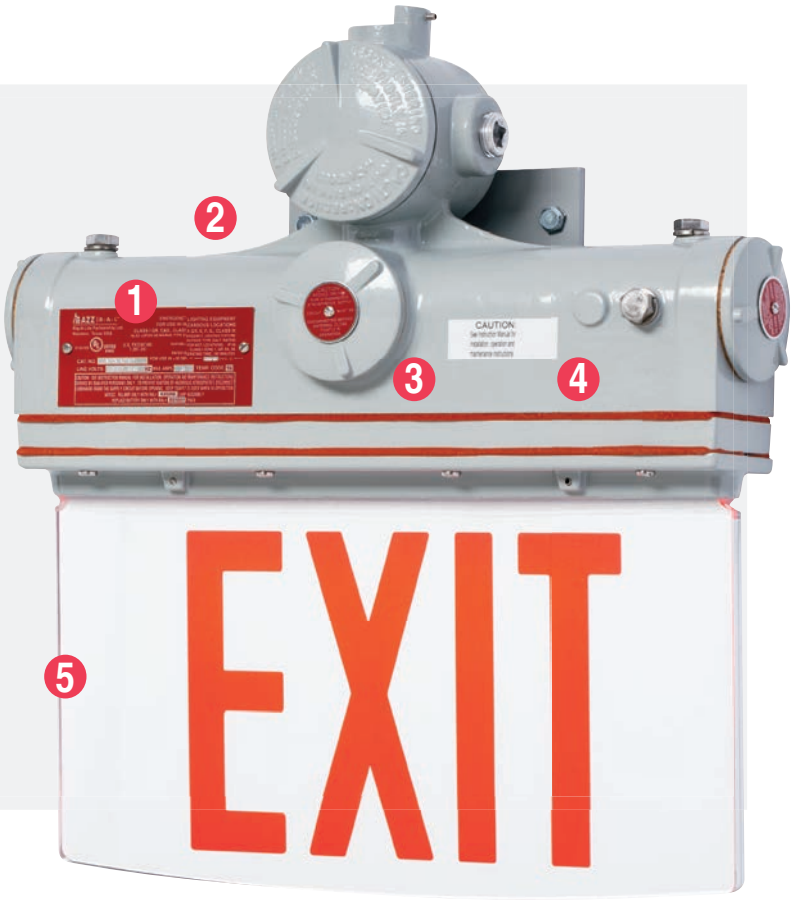
XPEX LED

XPEX SERIES

Explosion Proof LED Edge Lit Exit Light

Key Features:

1. Emergency battery back-up integral to sign (no additional enclosure required)
2. 3-hour emergency operation
3. Optional battery back-up self-diagnostic feature
4. Field replaceable LED circuit boards and drivers with quick disconnects
5. Edge-lit sign



Additional Features:

- Wall, pendant and end mounting options
- Alternate exit legend and languages available
- Single- or double-sided option
- Sealed NiCad batteries
- Provided with three (3) ½ ” NPT hubs
- Red or green LED options

Standard Materials:

- Body: A356T6 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gasket: One-piece silicone
- Sign: Acrylic
- Hardware: Stainless steel

XPEX Series

Explosion Proof • UL 844 • UL 924 • UL 1598A Marine Outside Type • Factory Sealed

Catalog Number Logic

XPEX-2-G-DT-WP-XX

1 2 3 4 5 6

1 BASIC SERIES
XPEX Explosion Proof LED Exit Light
Class I, Division 1, Groups C, & D
Class II, Division 1 & 2, Groups E, F & G
Class III
Class I , Zone 1, Groups IIA, IIB,
Zone 2, Groups IIA, IIB + H2 & IIC
Marine Outside Type
UL 1598A, 8750, 844 & 924
IP65
Temperature Class (T-Rating)-T6

2 NUMBER OF FACES
1 = Single Face
2 = Double Face

3 LEGEND COLOR
R = Red
G = Green

4 VOLTAGE / FREQUENCY
DT = 120/277V 60HZ
24 = 220-240V 50/60HZ
Other voltages available - consult factory

5 MOUNTING
WP = Wall/Pendant Mounting
EB = End Bracket

6 OPTIONS[1]
EM = Emergency Battery Backup
EU = Green Running Man Exit Legend
SD = Self Diagnostics
X = Exit Legend in Other Languages
Language Must Be Specified

[1]Consult factory for pricing.

Maximum Input Power

Red no battery - 1.5 Watts
Red with battery - 2.5 Watts
Green no battery - 2.3 Watts
Green with battery - 3.0 Watts

Operating Temperature Range

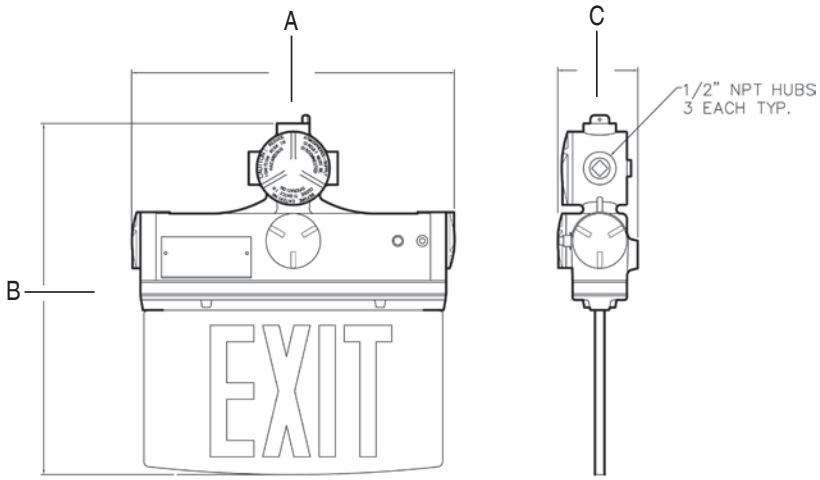
Temperature Rating - T6
Red Legend
+10°C Minimum to +55°C Maximum
Green Legend
+10°C Minimum to +40°C Maximum

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

XPEX Series

Explosion Proof • UL 844 • UL 924 • UL 1598A Marine Outside Type • Factory Sealed

XPEX Series Fixture Dimensions (inches)



XPEX SERIES	Dimensions (inches)			Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C		
XPEX LED Exit Sign/Light	14.88	3.69	16.00	14 lbs.	1.24 cu. ft.

XPS LED SERIES

Explosion Proof Edge Lit LED Multipurpose Sign

- Class I, Division 1, Groups C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Class I, Zone 1, Groups IIA, IIB,
- Zone 2, Groups IIA, IIB + H2 & IIC
- UL 844, UL 8750 & UL 924
- UL1598A Marine Outside Type
- Temperature Class (T-Rating)-T6
- Patent No. 7,287,347
- IP65



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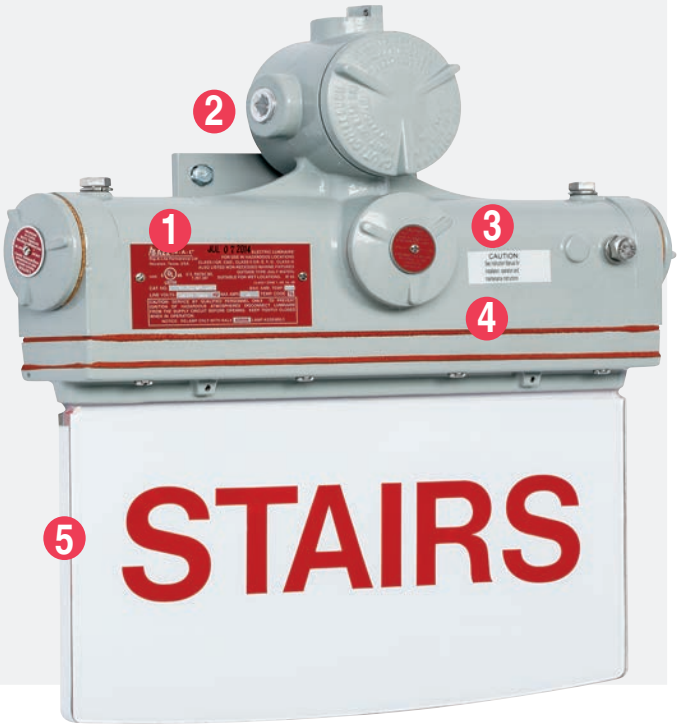
XPS LED

XPS LED SERIES

Explosion Proof Edge Lit LED Multipurpose Sign

Key Features:

1. Emergency battery back-up integral to sign (no additional enclosure required)
2. 3-hour emergency operation
3. Optional battery back-up self-diagnostic feature
4. Field replaceable LED circuit boards and drivers with quick disconnects
5. Edge-lit sign



Additional Features:

- Wall, pendant and end mounting options
- Custom colors and languages available
- Single- or double-sided option
- Sealed NiCad batteries
- Provided with three (3) ½ ” NPT hubs
- Red or green LED options

Standard Materials:

- Body: A356T6 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gasket: One-piece silicone
- Sign: Acrylic
- Hardware: Stainless steel

XPS Series

Explosion Proof • UL 844 • UL 924 • UL 1598A Marine Outside Type • Factory Sealed

Catalog Number Logic

XPS-2-G-DT-WP-XX

(1) (2) (3) (4) (5) (6)

(1) BASIC SERIES
XPS Explosion Proof LED Sign Light*
*Customer must specify sign color and legend
Class I, Division 1, Groups C, & D
Class II, Division 1, Groups E, F & G
Class III
Class I , Zone 1, Groups IIA, IIB,
Zone 2, Groups IIA, IIB + H2 & IIC
Marine Outside Type
UL 1598A, 8750, 844 & 924
IP65
Temperature Class (T-Rating)-T6

(2) NUMBER OF FACES
1 = Single Face
2 = Double Face

(3) LEGEND COLOR
A = Amber
B = Blue
R = Red
G = Green
X = Other (Contact Factory)

(4) VOLTAGE / FREQUENCY
DT = 120/277V 60HZ
24 = 220-240V 50/60HZ
Other voltages available - consult factory

(5) MOUNTING
WP = Wall/Pendant Mounting
EB = End Bracket

(6) OPTIONS[1]
EM = Emergency Battery Backup
X = Specify Legend (Cannot Say EXIT)

[1]Consult factory for pricing.

Maximum Input Power

Red no battery - 1.5 Watts
Red with battery - 2.5 Watts
Green no battery - 2.3 Watts
Green with battery - 3.0 Watts

Operating Temperature Range

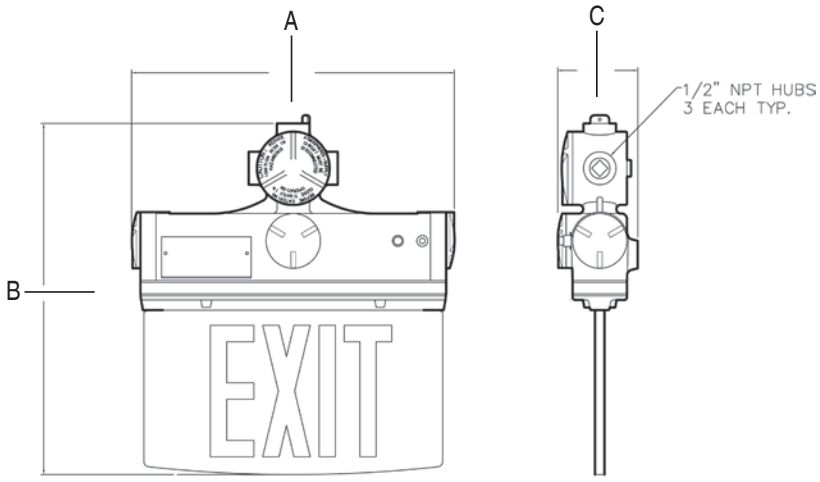
Temperature Rating- T6
Red Legend
+10°C Minimum to +55°C Maximum
Green Legend
+10°C Minimum to +40°C Maximum

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

XPS Series

Explosion Proof • UL 844 • UL 924 • UL 1598A Marine Outside Type • Factory Sealed

XPS Series Fixture Dimensions (inches)



XPS SERIES	Dimensions (inches)			Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C		
XPS LED Exit Sign/Light	14.88	16.00	3.69	14 lbs	1.24 cu. ft.

MAR SERIES

MAR

Fluorescent Lighting for Hazardous Locations

- Class I, Division 2, Groups A, B, C, & D
- Seismic Tested
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- UL 1598A Marine Outside Type
- CSA Certified
- Zone 2, Groups IIA, IIB, IIC
- 55°C Ambient Temperature Rating
- IP66



C US

LISTED

MARINE LISTED

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MAR SERIES

Fluorescent Lighting for Hazardous Locations

Each MAR Series fixture is individually tested for functional and dielectrical strength at the factory to assure quality and reliability. This heavy-duty fixture arrives completely assembled.



- Convenient access to wiring chamber and thermally protected Class P ballast
- Marine Duty testing exceeds NEMA 4X requirements for hose-down pressure and corrosion testing
- Seismic testing by Structural Dynamics Research Corporation (full scale seismic fragility qualification) Tested in frequencies of 1 to 31.6 hertz in 3-plane axis with maximum G force of 18.67 achieved

FLUORESCENT

MAR Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Wet Locations

Catalog Number Logic

MAR 800-2-A-XX

(1) (2) (3) (4) (5)

(1) BASIC SERIES
MAR Fluorescent Fixture
Class I, Division 2, Groups A, B, C & D
UL 844 Hazardous Location
UL 1598A Marine Outside Type
CSA Certified
Zone 2, Groups IIA, IIB & IIC
55°C Ambient Temperature Rating
IP66

(2) LAMP CURRENT/LAMP WATTAGE
800 = 800mA, 60/35 Watt
430 = 430mA, 34/20 Watt (export only)
425 = 425mA, 40/20 Watt (Slimline)
265 = 265mA, 32/17 Watt (T8 Lamps)

(3) NOMINAL FIXTURE LENGTH
2 = 2 Foot
4 = 4 Foot

(4) VOLTAGE/FREQUENCY
E = 12V DC (425mA only)
F = 24V DC (425mA only)
G = 32V DC (425mA only)
H = 347V 60 HZ
U = 120 thru 277V 50/60 HZ

(5) OPTIONS[1]
TW = End Mounting/Thru Wire Cable Installations Only
F = Single Fuse[2]
R = Radio Interference Filter
L = Lamps
EM = Emergency Battery Backup (Max 50°C)[3]
TM = Tempered Glass
HL = Hi-Lumen Ballast (T8 Only)
EB = Eye Bolt Only
SC = Safety Cable with Eye Bolt

[1]Consult factory for pricing.
[2]Fuse option not available for marine listed fixtures.
[3]Fixture housings with EM option are furnished with baked-on gray epoxy finish

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

FLUORESCENT

MAR Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Wet Locations



- Class I, Division 2, Groups A, B, C and D
- UL 1598A, UL 844
- CSA Certified
- Zone 2, Groups IIA, IIB and IIC
- 50°C Ambient on EM Models
- 55°C Ambient Temperature Rating
- For drilling rig, marine and industrial lighting hazardous locations
- Corrosion resistant, low copper content aluminum two lamp fixture
- Available in 265, 425, 430 or 800 mA
- Versatile mounting arrangements, (360°)
- Easy access to fluorescent ballast and internal wiring
- Streamlined design gives eye appeal and ruggedness
- Designed to withstand strong vibration
- Available in AC or DC

(Lamps not included)

	Description	Hub Size (inches)	Voltage	Catalog Number①
Four Foot Fixture	32 Watt, Instant Start Medium Bi-Pin, T8, 265mA, 48"	3/4	120-277V 50/60 HZ	**MAR265-4-U**
	34 Watt, Rapid Start Medium Bi-Pin, T12 430mA, 48" (export only)	3/4	120-277V 50/60 HZ	**MAR430-4-U**
	40 Watt, Instant Start Slimline, T12 48"	3/4	12V DC	**MAR425-4-E**
			24V DC	**MAR425-4-F**
			32V DC	**MAR425-4-G**
	60 Watt, Rapid Start High Output, T12 Recessed Double Contact 800mA, 48"	3/4	120-277V 50/60 HZ	**MAR800-4-U**
Two Foot Fixture	17 Watt, Instant Start, Medium Bi-Pin T8, 265mA, 24"	3/4	120-277V 50/60 HZ	**MAR265-2-U**
	20 Watt, Rapid Start Medium Bi-Pin, T12 430mA, 24" (export only)	3/4	120-277V 50/60 HZ	**MAR430-2L-U**
	20 Watt, Instant Start Slimline, T12 24"	3/4	12V DC	**MAR425-2-E**
			24V DC	**MAR425-2-F**
			32V DC	**MAR425-2-G**
	35 Watt, Rapid Start High Output, T12, Recessed Double Contact 800mA, 24"	3/4	120-277V 50/60 HZ	**MAR800-2-U**

①Add suffix "TW" for wire thru models

FLUORESCENT

MAR Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Wet Locations

Certification Guide

Model	Ambient Temperature °C	Class I, Division 2 Groups A, B, C & D	Supply Wire Suitable Temperature °C
MAR 430, 800	55	T4A	90
MAR 425	55	T4A	90
MAR 265	55	T4A	90

Coefficients of Utilization

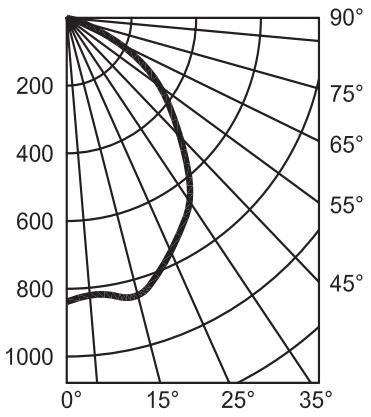
MAR2654U

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	20% Effective Floor Cavity Reflectance								
1	.37	.35	.34	.35	.33	.32	.32	.31	.30
2	.32	.29	.27	.30	.28	.26	.28	.26	.25
3	.28	.25	.22	.26	.24	.22	.24	.23	.21
4	.25	.21	.19	.23	.20	.18	.21	.20	.18
5	.22	.18	.16	.21	.18	.16	.19	.17	.15
6	.19	.16	.14	.18	.16	.14	.17	.15	.13
7	.17	.14	.12	.17	.14	.12	.16	.13	.12
8	.16	.13	.10	.15	.12	.10	.14	.12	.10
9	.14	.11	.9	.14	.11	.9	.13	.11	.9
10	.13	.10	.8	.13	.10	.8	.12	.10	.8

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	838	838	838	838	838
5	822	822	822	822	822
15	843	844	847	848	848
25	759	762	765	763	761
35	669	673	673	665	662
45	512	514	508	499	495
55	386	384	373	357	351
65	228	224	207	188	180
75	83	79	621	50	46
85	5	5	5	4	4
90	0	0	0	0	0

Photometric Data

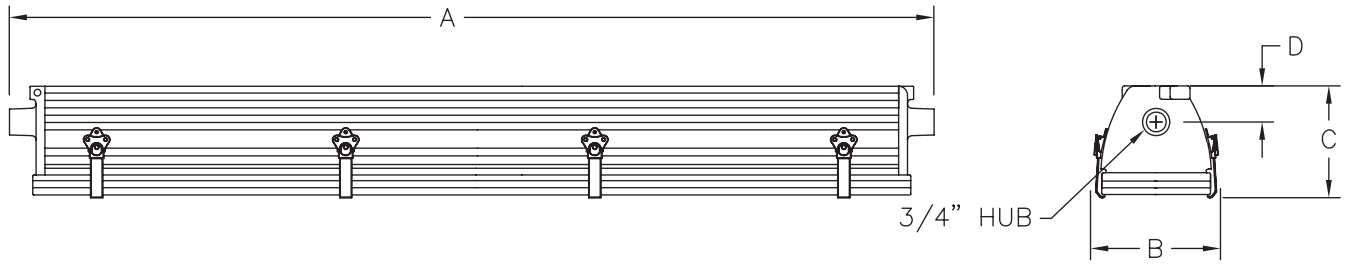


FLUORESCENT

MAR Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Wet Locations

Fixture Dimensions (inches)



MAR SERIES	Dimensions (inches)				Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C	D		
4 ft. models	52.06	7.38	6.13	1.88	37 lbs.	2.0 cu. ft.
2 ft. models	28.06	7.38	6.13	1.88	27 lbs.	1.0 cu. ft.

Accessories



Straight Mounting Kit
Catalog Number: 53033
Shipping Weight: 5 lbs.



Offset Mounting Kit
Catalog Number: 53032
Shipping Weight: 5 lbs.



Straight Brackets
Catalog Number: 26364
Shipping Weight: 2 lbs.
2 required



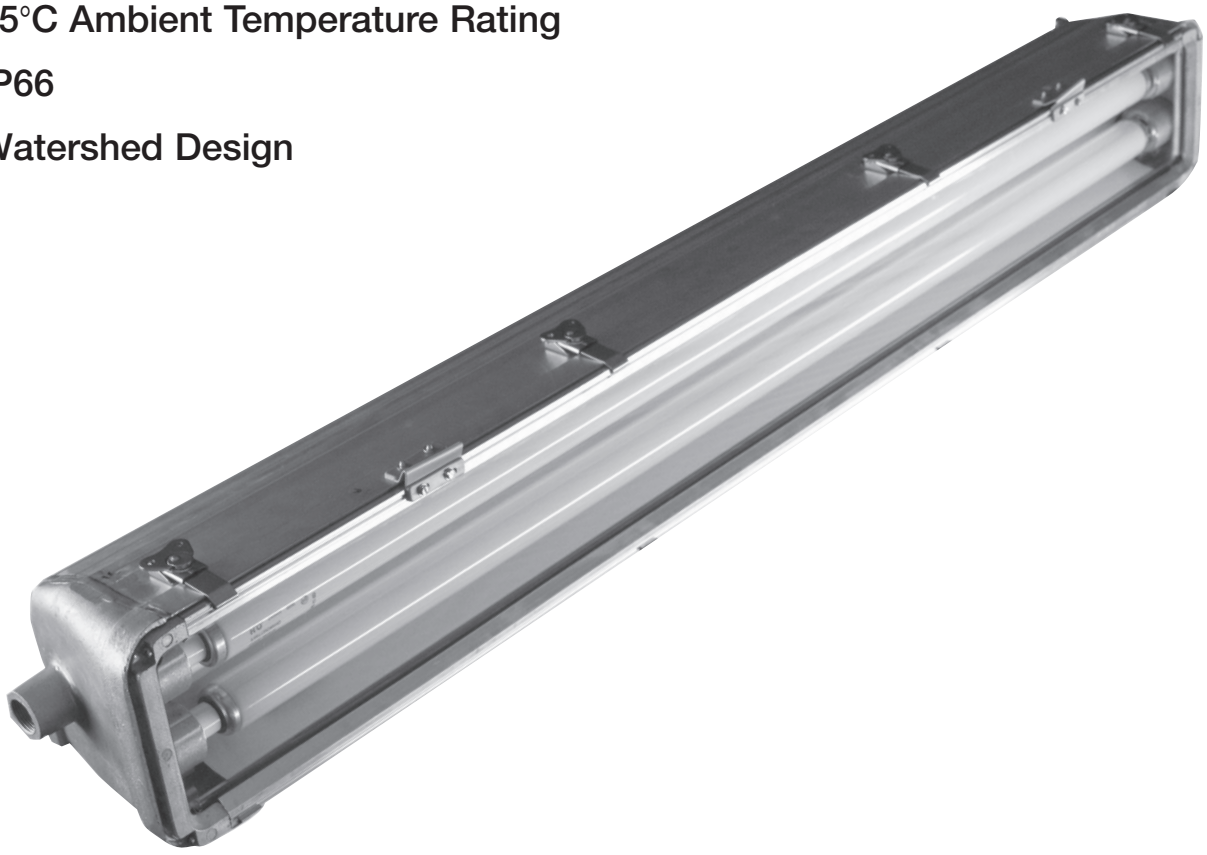
Offset Brackets
Catalog Number: 26348
Shipping Weight: 2 lbs.
2 required

MAR2 SERIES

MAR 2

Fluorescent Lighting for Hazardous Locations

- Class I, Division 2, Groups A, B, C & D
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- UL 1598A Marine Outside Type
- CSA Certified
- Zone 2, Groups IIA, IIB, IIC
- 55°C Ambient Temperature Rating
- IP66
- Watershed Design



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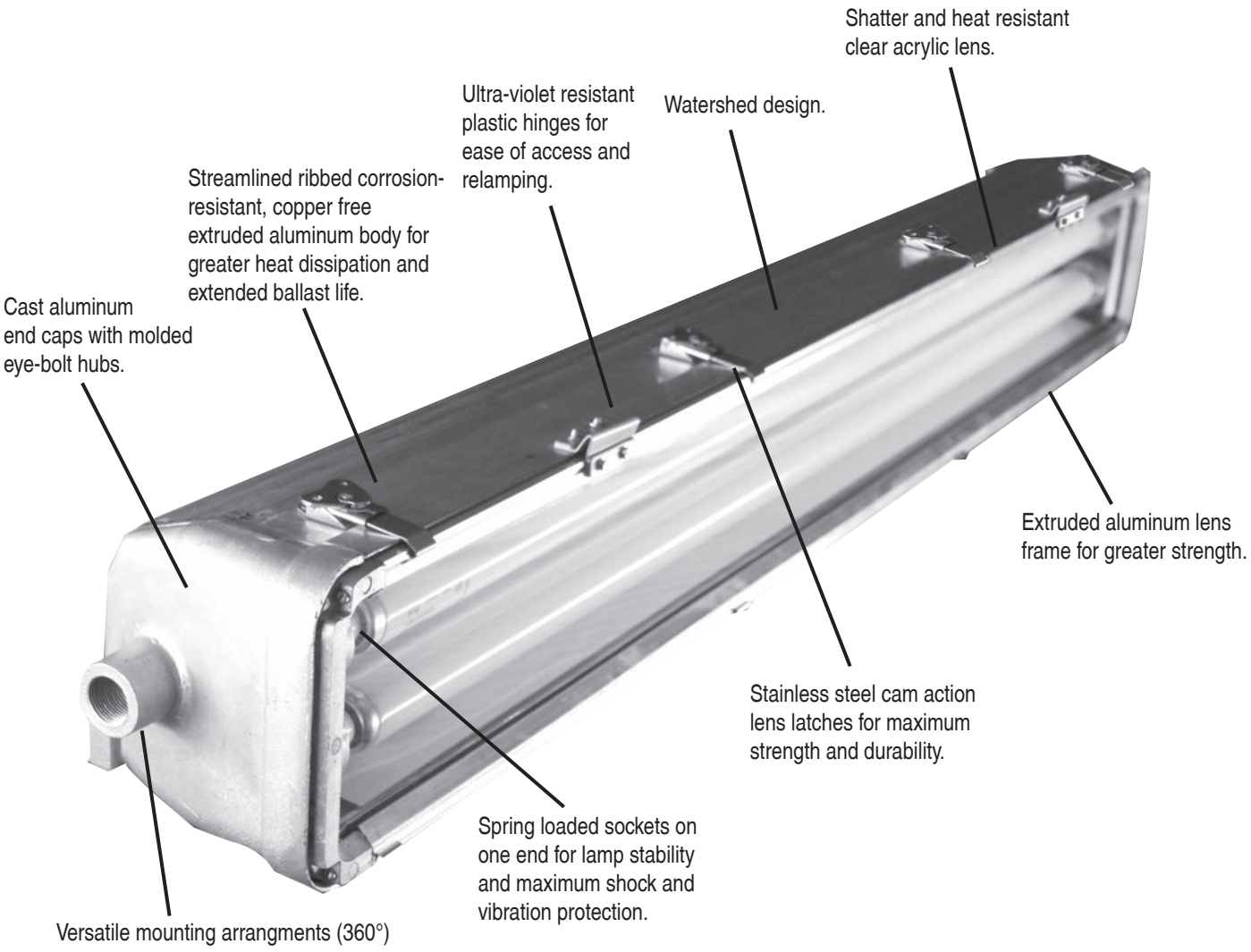
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MAR2 SERIES

Fluorescent Lighting for Hazardous Locations

Each MAR 2 Series fixture is individually tested for functional and dielectrical strength at the factory to assure quality and reliability. This heavy-duty fixture arrives completely assembled.



- Convenient access to wiring chamber and thermally protected class P ballast
- Marine Duty testing exceeds NEMA 4X requirements for hose-down pressure and corrosion testing
- Seismic testing by Structural Dynamics Research Corporation (full scale seismic fragility qualification) Tested in frequencies of 1 to 31.6 hertz in 3-plane axis with maximum G force of 18.67 achieved

FLUORESCENT

MAR2 Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Wet Locations

Catalog Number Logic

MAR2 800-2-A-XX

1 2 3 4 5

1 BASIC SERIES
MAR2 Fluorescent Fixture
Class I, Division 2, Groups A, B, C & D
UL 844 Hazardous Locations
UL 1598A Marine Outside Type
CSA Certified
Zone 2, Groups IIA, IIB & IIC
55°C Ambient Temperature Rating

2 LAMP CURRENT/LAMP WATTAGE
800 = 800mA, 60/35 Watt
430 = 430mA, 34/20 Watt (export only)
425 = 425mA, 40/20 Watt (Slimline)
265 = 265mA, 32/17 Watt (T8 Lamps)

3 NOMINAL FIXTURE LENGTH
2 = 2 Foot
4 = 4 Foot

4 VOLTAGE/FREQUENCY
E = 12V DC (425mA Only)
F = 24V DC (425mA Only)
G = 32V DC (425mA Only)
H = 347V 60 HZ
U = 120 thru 277V 50/60 HZ

5 OPTIONS[1]
TW = End Mounting/Thru Wire Cable Installations Only
F = Single Fuse[2]
R = Radio Interference Filter
L = Lamps
EM = Emergency Battery Backup (Max 50°C)[3]
TM = Tempered Glass
HL = Hi-Lumen Ballast (T8 Only)
EB = Eye Bolt Only

[1]Consult factory for pricing.
[2]Fuse option not available for marine listed fixtures.
[3]Fixture housings with EM option are furnished with baked-on gray epoxy finish

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

FLUORESCENT

MAR2 Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Wet Locations



- Class I, Division 2, Groups A, B, C and D
- UL 1598A Marine Outside Type
- UL 844 Hazardous Locations
- CSA Certified
- Zone 2, Groups IIA, IIB and IIC
- 50°C Ambient on EM Models
- 55°C Ambient Temperature Rating
- For drilling rig, marine and industrial lighting hazardous locations
- Corrosion resistant, low copper content aluminum two lamp fixture
- Available in 265, 425, 430, or 800 mA
- Versatile mounting arrangements, (360°)
- Easy access to fluorescent ballast and internal wiring
- Streamlined design gives eye appeal and ruggedness
- Designed to withstand strong vibration
- Watershed design
- Stainless steel cam action lens latches

(Lamps not included)

	Description	Hub Size (inches)	Voltage	Catalog Number*
Four Foot Fixture	32 Watt, Instant Start Medium Bi-Pin, T8, 265mA, 48"	3/4	120-277V 50/60 HZ	**MAR2265-4-U**
	34 Watt, Rapid Start Medium Bi-Pin, T12 430mA, 48" (export only)	3/4	120-277V 50/60 HZ	**MAR2430-4-U**
	40 Watt, Instant Start F48 T12, Slimline Single Pin 425mA, 48"	3/4	12V DC	**MAR2425-4-E**
			24V DC	**MAR2425-4-F**
			32V DC	**MAR2425-4-G**
	60 Watt, Rapid Start High Output T12, Recessed Double Contact 800mA, 48"	3/4	120-277V 50/60 HZ	**MAR2800-4-U**
Two Foot Fixture	17 Watt, Instant Start, Medium Bi-Pin, T8, 265mA, 24"	3/4	120-277V 50/60 HZ	**MAR2265-2-U**
	20 Watt, Rapid Start Medium Bi-Pin, T12 430mA, 24" (export only)	3/4	120-277V 50/60 HZ	**MAR2430-4-U**
	40 Watt, Instant Start F48 T12, Slimline Single Pin 425mA, 48"	3/4	12V DC	**MAR2425-2-E**
			24V DC	**MAR2425-2-F**
			32V DC	**MAR2425-2-G**
	35 Watt, Rapid Start High Output, T12, Recessed Double Contact, 800mA, 24"	3/4	120-277V 50/60 HZ	**MAR2800-2-U**

*Add suffix "TW" for wire thru models

FLUORESCENT

MAR2 Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Wet Locations

Certification Guide

Model	Ambient Temperature °C	Class I, Division 2 Groups A, B, C & D	Supply Wire Suitable Temperature °C
MAR 430, 800	55	T4A	90
MAR 425	55	T4A	90
MAR 265	55	T4A	90

Coefficients of Utilization

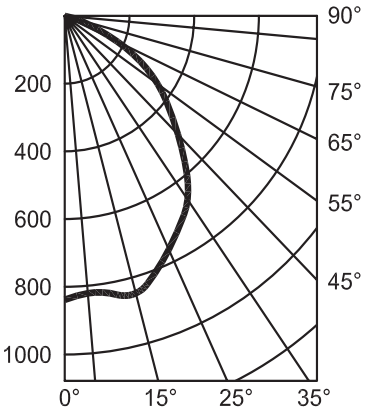
MAR22654U

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	20% Effective Floor Cavity Reflectance								
1	.37	.35	.34	.35	.33	.32	.32	.31	.30
2	.32	.29	.27	.30	.28	.26	.28	.26	.25
3	.28	.25	.22	.26	.24	.22	.24	.23	.21
4	.25	.21	.19	.23	.20	.18	.21	.20	.18
5	.22	.18	.16	.21	.18	.16	.19	.17	.15
6	.19	.16	.14	.18	.16	.14	.17	.15	.13
7	.17	.14	.12	.17	.14	.12	.16	.13	.12
8	.16	.13	.10	.15	.12	.10	.14	.12	.10
9	.14	.11	.9	.14	.11	.9	.13	.11	.9
10	.13	.10	.8	.13	.10	.8	.12	.10	.8

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	838	838	838	838	838
5	822	822	822	822	822
15	843	844	847	848	848
25	759	762	765	763	761
35	669	673	673	665	662
45	512	514	508	499	495
55	386	384	373	357	351
65	228	224	207	188	180
75	83	79	621	50	46
85	5	5	5	4	4
90	0	0	0	0	0

Fluorescent Photometrics

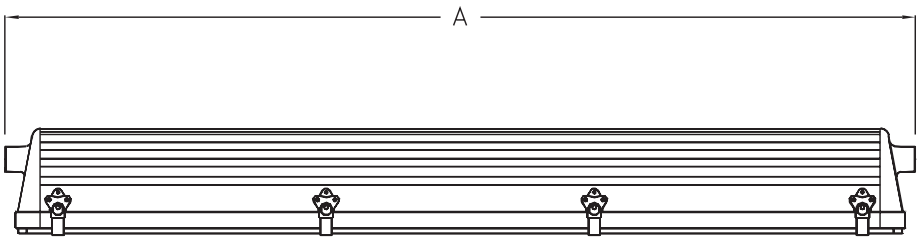


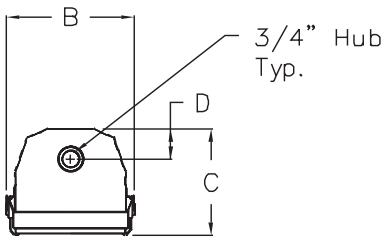
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MAR2 Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Wet Locations

Fixture Dimensions (inches)





MAR 2 SERIES	Dimensions (inches)				Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C	D		
4 ft. models	52.13	7.38	6.19	1.81	36 lbs.	2.0 cu. ft.
2 ft. models	28.13	7.38	6.19	1.81	26 lbs.	1.0 cu. ft.

Accessories



Straight Mounting Kit
Catalog Number: 53033
Shipping Weight: 5 lbs.



Offset Mounting Kit
Catalog Number: 53032
Shipping Weight: 5 lbs.



Safety Cable
Catalog Number: 10128R
Shipping Weight: 1 lb.



Straight Brackets
Catalog Number: 26364
Shipping Weight: 2 lbs.
2 required



Offset Brackets
Catalog Number: 26348
Shipping Weight: 2 lbs.
2 required

MHD2/MHDO SERIES

MHD2

Marine Heavy Duty Non-Metallic Fluorescent

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 2, Groups F & G
- Class III
- Zone 2, Groups IIA, IIB & IIC
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- UL 1598A Marine Outside Type
- CUL
- IP66
- 55° C Ambient Temperature



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MHD2/MHDO SERIES

Marine Heavy Duty Outdoor Non-Metallic Fluorescent



Housing:

- Corrosion free high impact fiberglass housing
- Water tight gasket attached to the lens
- Captive SS latches
- Heavy duty aluminum ballast tray
- 3/4 in. NPT aluminum conduit hubs
- 4 ft. models with 1, 2, or 3 lamp versions

Diffuser:

- High Impact DR acrylic diffuser-polycarbonate option available

Mounting:

- Stainless steel mounting brackets standard

FLUORESCENT

MHD2/MHDO Series

Hazardous Locations • Class 1, Divison 2 • Non-Metallic • UL 1598A Marine Outside Type • UL 844 • UL 924 • CUL

Catalog Number Logic

MHD2 265-4- 2 -U-XX

1 2 3 4 5 6

1 BASIC SERIES

MHD2 Non-Metallic Fluorescent Fixture
Class I, Division 2, Groups A, B, C and D
Class II, Division 2, Groups F & G
Class III
Zone 2, Groups IIA, IIB & IIC
UL 1598A Marine Outside Type
UL 844 Hazardous Locations
UL 924 Emergency Lighting
CUL
55° C Ambient Temperature

MHDO Non-Metallic Fluorescent Fixture
Marine Rated Only

2 LAMP CURRENT/LAMP WATTAGE

800 = 800mA, 60 Watt[2]
430 = 430mA, 34/20 Watt (export only)
425 = 425mA, 40/20 Watt (Slimline)
265 = 265mA, 32/17 Watt (T8 Lamps)
T5HO = 54 Watt T5HO
T5 = 28 Watt T5
T8HO = 44 Watt T8HO (4 foot only)

3 NOMINAL FIXTURE LENGTH

2 = 2 Foot[1]
4 = 4 Foot

4 NUMBER OF LAMPS

1 = 1 Lamp
2 = 2 Lamps
3 = 3 Lamps[2]

5 VOLTAGE/FREQUENCY

E = 12V DC
F = 24V DC
G = 32V DC
H = 347V 60 HZ
N = 347 thru 480V 50/60 HZ
U = 120 thru 277V 50/60 HZ

6 OPTIONS[4]

P = Polycarbonate Lens
EM = Emergency Battery Backup
EM NON = Non-Hazardous Emergency Battery Backup. Marine Only
F = Single Fuse[3]
FB = Fuse Block[3]
TB = Terminal Block
TW = Thru Wire Cable Installations Only
L = Lamps
HL = Hi-Lumen Ballast (T8 Only)
PM = Pendant Mount

[1]2 ft. fixture not available in 3 lamp versions.
[2]800, 430, 425mA & T8HO fixtures not available in 1 or 3 lamp versions.
[3]Fuse option not available for marine listed fixtures.
[4]Consult factory for pricing.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

FLUORESCENT

MHD2/MHDO Series

Hazardous Locations • Class 1, Divison 2 • Non-Metallic • UL 1598A Marine Outside Type • UL 844 • UL 924 • CUL



- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Zone 2, Groups IIA, IIB and IIC
- UL 1598A Marine Outside Type
- UL 844 Hazardous Locations
- IP66
- Suitable for indoor use
- Non-metallic, impact resistant fiberglass housing
- Water tight gasket attached to lens
- High impact acrylic lens with stainless steel lens tethers
- Captive SS latches
- Heavy duty aluminum ballast tray
- Non-metallic terminal tube
- Stainless steel mounting brackets
- 2 ft. and 4 ft. models

(Lamps not included)

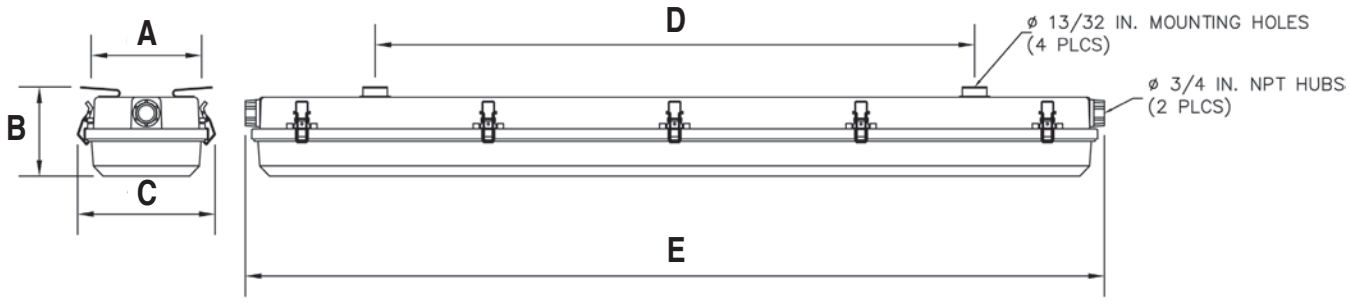
	Description	Voltage	Catalog Number
Two Foot Fixture	20 Watt, Rapid Start, F20T12 Medium Bi-Pin, 430mA Lamps, 24" (export only)	120-277V 50/60 HZ	**MHD2430-2-2-U**
	17 Watt, Rapid Start, F17T8 Medium Bi-Pin, 265mA Lamps, 24"	120-277V 50/60 HZ	**MHD2265-2-2-U**
	20 Watt, Instant Start, F24T12 Slimline, Single Pin, 425mA, 24"	12V DC	**MHD2425-2-2-E**
		24V DC	**MHD2425-2-2-F**
		32V DC	**MHD2425-2-2-G**
Four Foot Fixture	34 Watt, Rapid Start F40T12, Medium Bi-Pin 430mA Lamps, 48" (export only)	120-277V 50/60 HZ	**MHD2430-4-2-U**
	20 Watt, Instant Start, F24T12 Slimline, Single Pin, 425mA, 48"	12V DC	**MHD2425-2-2-E**
		24V DC	**MHD2425-2-2-F**
		32V DC	**MHD2425-2-2-G**
	32 Watt, Rapid Start F32T8, Medium Bi-Pin 265mA Lamps, 48"	120-277V 50/60 HZ	**MHD2265-4-2-U**
	54 Watt, T5HO Miniature Bi-Pin 2 Lamp, 48"	120-277V 50/60 HZ	**MHD2T5HO-4-2-U**

FLUORESCENT

MHD2/MHDO Series

Hazardous Locations • Class 1, Divison 2 • Non-Metallic • UL 1598A Marine Outside Type • UL 844 • UL 924 • CUL

Fixture Dimension (inches)



Nominal Fixture Length	A	B	C	D	E	Boxed Weight	Shipping Volume (Boxed Fixture)
Two Foot Fixture	7.625	4.98	7.625	12.438	29	13.44 lbs.	1.1 cu. ft.
Four Foot Fixture	6.88	5.00	7.88	36.63	53.13	25.2 lbs.	2.0 cu. ft.

Certification Guide

Model	Ambient Temperature (°C)	Class I, Div. 2 Groups A, B, C & D	Class II, Div. 2, Groups F & G, Class III	Supply Wire Suitable Temp °C
MHD2 425, 430, 800	40	T4	T3C	90
MHD2 265	40	T4	T3C	90
MHD2 265	55	T4A	-	90
MHD2 T5, T5HO	40	T4	T3C	90
MHD2 T5, T5HO	55	T3C	-	90
MHD2 T8HO	40	T4	T3C	90
MHD2 T8HO	55	T4A	-	90

FLUORESCENT

MHD2/MHDO Series

Hazardous Locations • Class 1, Divison 2 • Non-Metallic • UL 1598A Marine Outside Type • UL 844 • UL 924 • CUL

Candlepower Distribution

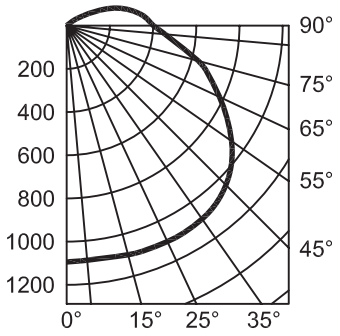
MHD2265-4-2

Deg.	Parl.	22.5	45.0	67.5	Norm
0	1094	1094	1094	1094	1094
5	1094	1092	1092	1088	1090
15	1057	1063	1077	1090	1098
25	978	1003	1040	1085	1103
35	867	912	991	1066	1093
45	718	789	906	1010	1043
55	531	632	780	899	932
65	316	440	610	747	781
75	140	268	463	598	631
85	38	147	314	432	458
90	16	102	261	365	402
95	16	78	230	331	373
105	10	41	159	249	292
115	4	16	70	134	172
125	0	2	20	37	57
135	0	0	7	14	16
145	0	0	0	5	8
155	0	0	0	0	1
165	0	0	0	0	0

Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.93	.93	.93	.84	.84	.84	.74	.74	.74
1	.76	.71	.66	.68	.64	.61	.59	.57	.54
2	.64	.57	.51	.57	.52	.47	.49	.46	.43
3	.55	.47	.41	.49	.43	.38	.42	.38	.34
4	.48	.39	.33	.43	.36	.31	.37	.32	.28
5	.42	.34	.28	.38	.31	.26	.33	.28	.24
6	.37	.29	.23	.34	.27	.22	.29	.24	.20
7	.33	.26	.20	.30	.24	.19	.26	.21	.18
8	.30	.23	.17	.27	.21	.17	.24	.19	.15
9	.27	.20	.15	.25	.19	.15	.22	.17	.13
10	.25	.18	.14	.23	.17	.13	.20	.15	.12

PhotometricData



Candlepower Distribution

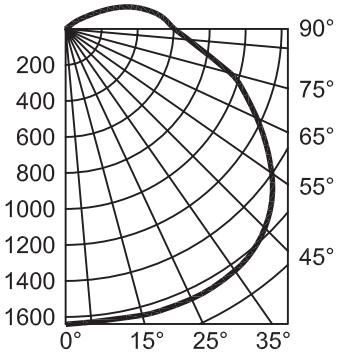
MHD2265-4-3

Deg.	Parl.	22.5	45.0	67.5	Norm
0	1641	1641	1641	1641	1641
5	1641	1638	1638	1632	1635
15	1585	1594	1616	1635	1647
25	1466	1504	1560	1627	1655
35	1301	1368	1487	1599	1640
45	1076	1184	1359	1515	1565
55	797	948	1170	1348	1398
65	474	660	916	1120	1172
75	211	402	694	987	947
85	58	220	471	647	686
90	23	153	392	548	604
95	23	117	345	496	560
105	16	61	239	373	438
115	6	23	105	201	257
125	0	3	30	56	86
135	0	0	11	20	23
145	0	0	3	8	12
155	0	0	0	0	2
165	0	0	0	0	0

Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.93	.93	.93	.84	.84	.84	.74	.74	.74
1	.76	.71	.66	.68	.64	.61	.59	.57	.54
2	.64	.57	.51	.57	.52	.47	.49	.46	.43
3	.55	.47	.41	.49	.43	.38	.42	.38	.34
4	.48	.39	.33	.43	.36	.31	.37	.32	.28
5	.42	.34	.28	.38	.31	.26	.33	.28	.24
6	.37	.29	.23	.34	.27	.22	.29	.24	.20
7	.33	.26	.20	.30	.24	.19	.26	.21	.18
8	.30	.23	.17	.27	.21	.17	.24	.19	.15
9	.27	.20	.15	.25	.19	.15	.22	.17	.13
10	.25	.18	.14	.23	.17	.13	.20	.15	.12

PhotometricData



Accessories



Fixed Mounting Kit

Stainless Steel Fixed 45°
Catalog Number: 53070
Shipping Weight: 2 lbs.

MHDA SERIES

MHDA

Aluminum Marine Heavy Duty Luminaire for Hazardous Locations

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 2, Groups F & G
- Class III
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- CSA C22.2 #137; C22.2 #213
- CUL
- 55° C Ambient Temperature
- IP66



C UL US LISTED

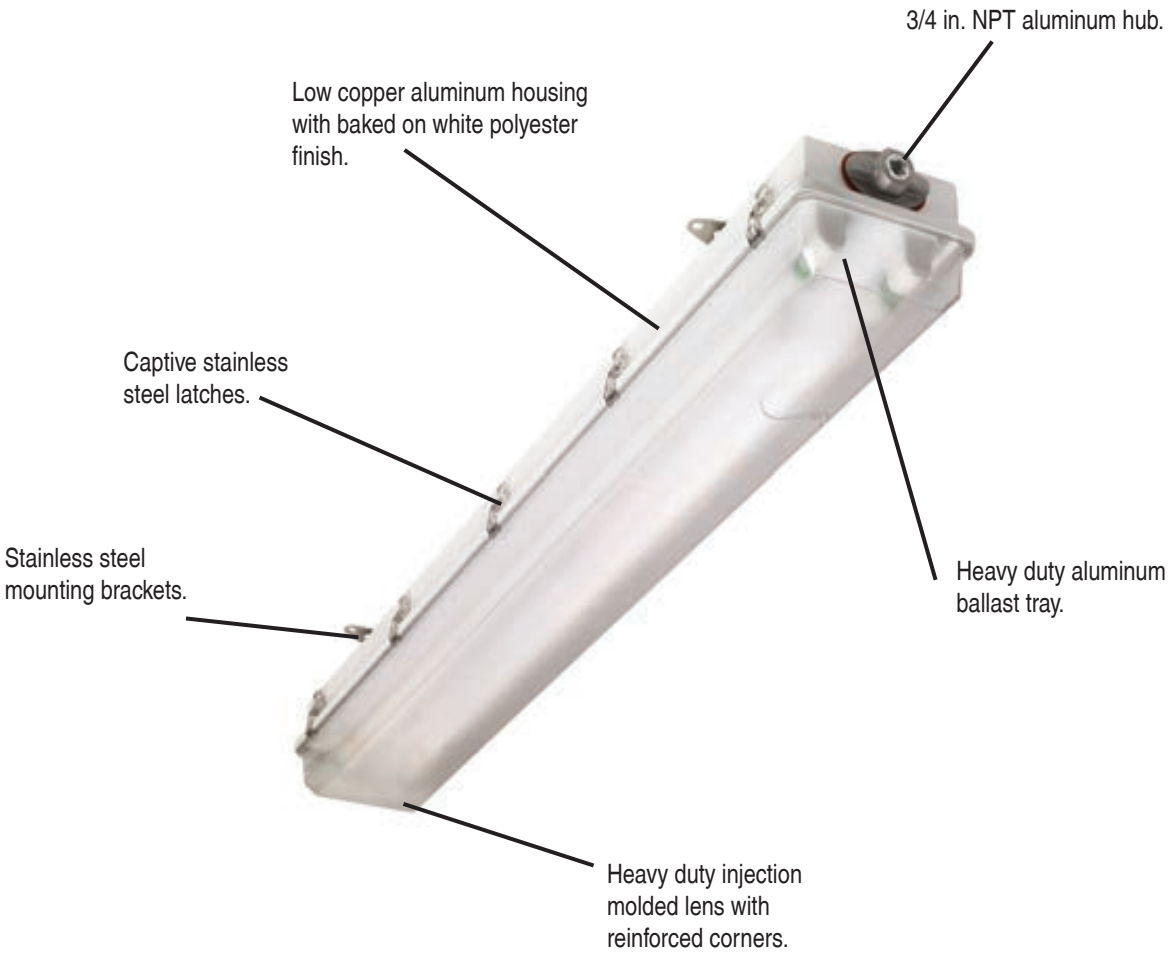
MARINE UL LISTED

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MHDA SERIES

Marine Heavy Duty Fluorescent Luminaire for Hazardous Locations



Housing:

- Corrosion resistant aluminum housing
- Water tight gasket attached to the lens
- Captive SS latches
- Heavy duty aluminum ballast tray
- 3/4 in. NPT aluminum conduit hubs

Diffuser:

- High Impact DR acrylic diffuser-polycarbonate option available

Mounting:

- Stainless steel mounting brackets standard

FLUORESCENT

MHDA Series

Hazardous Locations • Class 1, Divison 2 • Class II, Divison 2 • Class III • UL 1598A Marine Outside Type • UL 844

Catalog Number Logic

MHDA 265-4 -X-U-XX

1 2 3 4 5 6

1 BASIC SERIES
MHDA Aluminum Fluorescent
Class I, Division 2, Groups A, B, C and D
Class II, Division 2 Groups F & G
Class III
UL 844 Hazardous Locations
UL1598A Marine Outside Type
CSA C22.2 #137; C22.2 #213
CUL
55° C Ambient Temperature
IP66

2 LAMP CURRENT/LAMP WATTAGE
800 = 800mA, 60 Watt
430 = 430mA, 34 Watt (export only)
425 = 425mA, 40 Watt (Slimline)
265 = 265mA, 32 Watt T8
T8HO = T8HO, 44 Watt
T5 = T5, 28 Watt
T5HO = T5HO, 54 Watt

3 NOMINAL FIXTURE LENGTH
4 = Four Foot

4 NUMBER OF LAMPS
2 = Two Lamp
3 = Three Lamp (T8, T5 & T5HO Only)

5 VOLTAGE/FREQUENCY
U = 120 thru 277V 50/60 HZ
N = 347 thru 480V 50/60 HZ
H = 347V 60 HZ

6 OPTIONS[1]
P = Polycarbonate Lens
F = Single Fuse[2]
FB = Fuse Block[2]
TB = Terminal Block
TW = Thru Wire
Cable Installations Only
PM = Pendant Mount
EM = Emergency Battery Backup
EM NON = Non-Hazardous Emergency

[1] Consult factory for pricing.
[2] Fuse option not available for marine listed fixtures.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

FLUORESCENT

MHDA Series

Hazardous Locations • Class 1, Divison 2 • Class II, Divison 2 • Class III • UL 1598A Marine Outside Type • UL 844



- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Zone 2, Groups IIA, IIB and IIC
- UL 1598A Marine Outside Type
- UL 844 Hazardous Locations
- Suitable for indoor use
- Corrosion resistant aluminum housing painted white
- Water tight gasket attached to lens
- High impact acrylic lens with stainless steel lens tethers
- Captive SS latches
- Heavy duty aluminum ballast tray
- Stainless steel mounting brackets

	Description	Voltage	Catalog Number
Four Foot Fixture	32 Watt Instant Start F32T8 Medium Bi-Pin 265mA Lamps, 48”	120-277V 50/60 HZ	**MHDA265-4-2-U**
	44 Watt Rapid Start T8HO Medium Bi-Pin 265mA Lamps, 48”	120-277V 50/60 HZ	**MHDAT8HO-4-2-U**
	28 Watt, Rapid Start T5 Miniature Bi-Pin Lamps, 48”	120-277V 50/60 HZ	**MHDAT5-4-2-U**
	54 Watt, Rapid Start T5HO Miniature Bi-Pin Lamps, 48”	120-277V 50/60 HZ	**MHDAT5HO-4-2-U**

Certification Guide

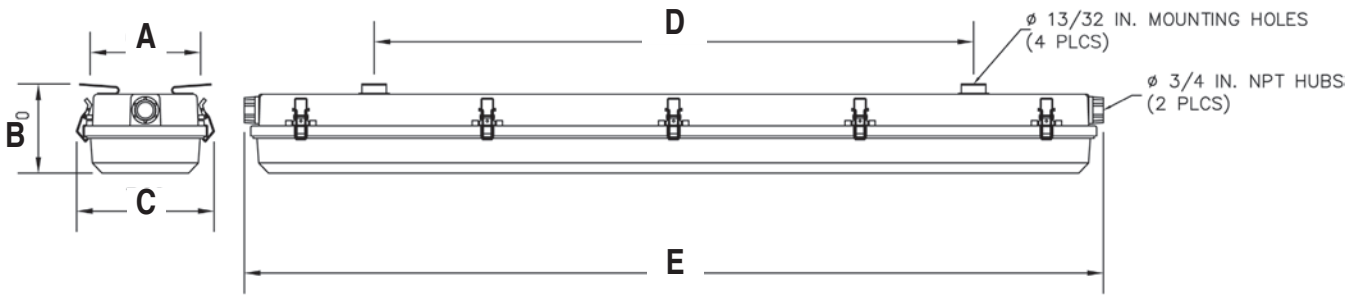
Model	Ambient Temperature (°C)	Class I, Div. 2 Groups A, B, C & D	Class II, Div. 2, Groups F & G, Class III	Supply Wire Suitable Temp °C
MHDA 265	40	T4	T3C	90
MHDA 265	55	T4A	-	90
MHDA T5, T5HO	40	T4	T3C	90
MHDA T5, T5HO	55	T3C	-	90
MHDA T8HO	40	T4	T3C	90
MHDA T8HO	55	T4A	-	90

FLUORESCENT

MHDA Series

Hazardous Locations • Class 1, Divison 2 • Class II, Divison 2 • Class III • UL 1598A Marine Outside Type • UL 844

Fixture Dimension (inches)



Nominal Fixture Length	A	B	C	D	E	Boxed Weight	Shipping Volume (Boxed Fixture)
Four Foot Fixture	6.88	5.00	7.88	36.63	53.13	24.2 lbs.	2.0 cu. ft.

Accessories



Fixed Mounting Kit

Stainless Steel Fixed 45°
Catalog Number: 53070
Shipping Weight: 2 lbs.

FLUORESCENT

MHDA Series

Hazardous Locations • Class 1, Divison 2 • Class II, Divison 2 • Class III • UL 1598A Marine Outside Type • UL 844

Candlepower Distribution

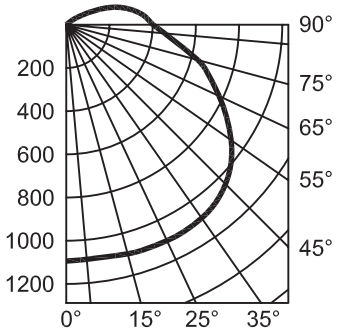
MHDA265-4-2

Deg.	Parl.	22.5	45.0	67.5	Norm
0	1094	1094	1094	1094	1094
5	1094	1092	1092	1088	1090
15	1057	1063	1077	1090	1098
25	978	1003	1040	1085	1103
35	867	912	991	1066	1093
45	718	789	906	1010	1043
55	531	632	780	899	932
65	316	440	610	747	781
75	140	268	463	598	631
85	38	147	314	432	458
90	16	102	261	365	402
95	16	78	230	331	373
105	10	41	159	249	292
115	4	16	70	134	172
125	0	2	20	37	57
135	0	0	7	14	16
145	0	0	0	5	8
155	0	0	0	0	1
165	0	0	0	0	0

Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.93	.93	.93	.84	.84	.84	.74	.74	.74
1	.76	.71	.66	.68	.64	.61	.59	.57	.54
2	.64	.57	.51	.57	.52	.47	.49	.46	.43
3	.55	.47	.41	.49	.43	.38	.42	.38	.34
4	.48	.39	.33	.43	.36	.31	.37	.32	.28
5	.42	.34	.28	.38	.31	.26	.33	.28	.24
6	.37	.29	.23	.34	.27	.22	.29	.24	.20
7	.33	.26	.20	.30	.24	.19	.26	.21	.18
8	.30	.23	.17	.27	.21	.17	.24	.19	.15
9	.27	.20	.15	.25	.19	.15	.22	.17	.13
10	.25	.18	.14	.23	.17	.13	.20	.15	.12

PhotometricData



Candlepower Distribution

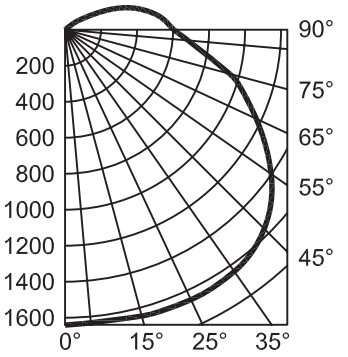
MHDA265-4-3

Deg.	Parl.	22.5	45.0	67.5	Norm
0	1641	1641	1641	1641	1641
5	1641	1638	1638	1632	1635
15	1585	1594	1616	1635	1647
25	1466	1504	1560	1627	1655
35	1301	1368	1487	1599	1640
45	1076	1184	1359	1515	1565
55	797	948	1170	1348	1398
65	474	660	916	1120	1172
75	211	402	694	987	947
85	58	220	471	647	686
90	23	153	392	548	604
95	23	117	345	496	560
105	16	61	239	373	438
115	6	23	105	201	257
125	0	3	30	56	86
135	0	0	11	20	23
145	0	0	3	8	12
155	0	0	0	0	2
165	0	0	0	0	0

Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.93	.93	.93	.84	.84	.84	.74	.74	.74
1	.76	.71	.66	.68	.64	.61	.59	.57	.54
2	.64	.57	.51	.57	.52	.47	.49	.46	.43
3	.55	.47	.41	.49	.43	.38	.42	.38	.34
4	.48	.39	.33	.43	.36	.31	.37	.32	.28
5	.42	.34	.28	.38	.31	.26	.33	.28	.24
6	.37	.29	.23	.34	.27	.22	.29	.24	.20
7	.33	.26	.20	.30	.24	.19	.26	.21	.18
8	.30	.23	.17	.27	.21	.17	.24	.19	.15
9	.27	.20	.15	.25	.19	.15	.22	.17	.13
10	.25	.18	.14	.23	.17	.13	.20	.15	.12

PhotometricData



MHDS SERIES

MHDS

Stainless Steel Marine Heavy Duty Luminaire for Hazardous Locations

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 2, Groups F & G
- Class III
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- CSA C22.2 #137; C22.2 #213
- CUL
- 55° C Ambient Temperature
- IP66



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MHDS SERIES

Marine Heavy Duty Fluorescent Luminaire for Hazardous Locations



Housing:

- Corrosion resistant stainless steel housing
- Water tight gasket attached to the lens
- Captive SS latches
- Heavy duty aluminum ballast tray
- 3/4 in. NPT aluminum conduit hubs

Diffuser:

- High Impact DR acrylic diffuser-polycarbonate option available

Mounting:

- Stainless steel mounting brackets standard

FLUORESCENT

MHDS Series

Hazardous Locations • Class 1, Divison 2 • Class II, Divison 2 • Class III • UL 1598A Marine Outside Type • UL 844

Catalog Number Logic

MHDS 265-4 -X-U-XX

1 2 3 4 5 6

1 BASIC SERIES
MHDS Stainless Steel Fluorescent
Class I, Division 2, Groups A, B, C and D
Class II, Division 2 Groups F & G
Class III
UL 844 Hazardous Locations
UL1598A Marine Outside Type
CSA C22.2 #137; C22.2 #213
CUL
55° C Ambient Temperature
IP66

2 LAMP CURRENT/LAMP WATTAGE
800 = 800mA, 60 Watt
430 = 430mA, 34 Watt (export only)
425 = 425mA, 40 Watt (Slimline)
265 = 265mA, 32 Watt T8
T8HO = T8HO, 44 Watt
T5 = T5, 28 Watt
T5HO = T5HO, 54 Watt

3 NOMINAL FIXTURE LENGTH
4 = Four Foot

4 NUMBER OF LAMPS
2 = Two Lamp
3 = Three Lamp (T8, T5 & T5HO Only)

5 VOLTAGE/FREQUENCY
U = 120 thru 277V 50/60HZ
N = 347 thru 480V 50/60HZ
H = 347V 60HZ

6 OPTIONS[1]
P = Polycarbonate Lens
F = Single Fuse[2]
FB = Fuse Block[2]
TB = Terminal Block
TW = Thru Wire
Cable Installations Only
PM = Pendant Mount
EM = Emergency Battery Backup
EM NON = Non-Hazardous Emergency
316 = SS316L Housing

[1] Consult factory for pricing.
[2] Fuse option not available for marine listed fixtures.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

FLUORESCENT

MHDS Series

Hazardous Locations • Class 1, Divison 2 • Class II, Divison 2 • Class III • UL 1598A Marine Outside Type • UL 844



- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Zone 2, Groups IIA, IIB and IIC
- UL 1598A Marine Outside Type
- UL 844 Hazardous Locations
- Suitable for indoor use
- Corrosion resistant stainless steel housing
- Water tight gasket attached to lens
- High impact acrylic lens with stainless steel lens tethers
- Captive SS latches
- Heavy duty aluminum ballast tray
- Stainless steel mounting brackets

	Description	Voltage	Catalog Number
Four Foot Fixture	32 Watt Instant Start F32T8 Medium Bi-Pin 265mA Lamps, 48”	120-277V 50/60 HZ	**MHDS265-4-2-U**
	44 Watt Rapid Start T8HO Medium Bi-Pin 265mA Lamps, 48”	120-277V 50/60 HZ	**MHDST8HO-4-2-U**
	28 Watt, Rapid Start T5 Miniature Bi-Pin Lamps, 48”	120-277V 50/60 HZ	**MHDST5-4-2-U**
	54 Watt, Rapid Start T5HO Miniature Bi-Pin Lamps, 48”	120-277V 50/60 HZ	**MHDST5HO-4-2-U**

Certification Guide

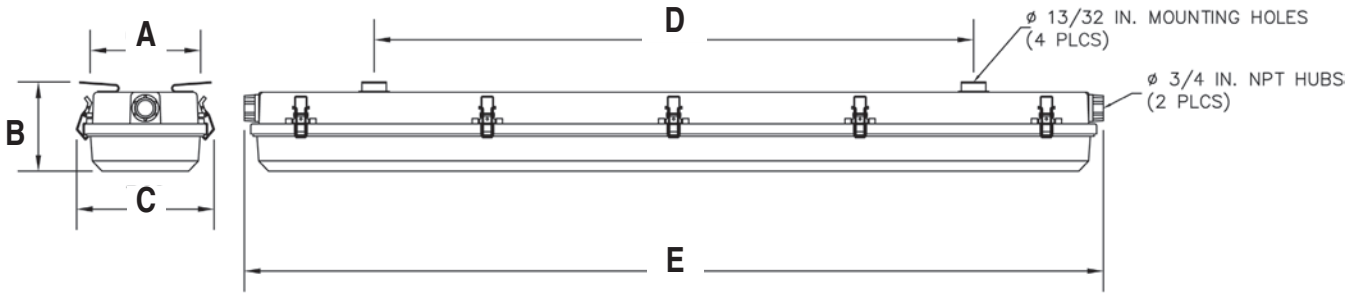
Model	Ambient Temperature (°C)	Class I, Div. 2 Groups A, B, C & D	Class II, Div. 2, Groups F & G, Class III	Supply Wire Suitable Temp °C
MHDS 265	40	T4	T3C	90
MHDS 265	55	T4A	-	90
MHDS T5, T5HO	40	T4	T3C	90
MHDS T5, T5HO	55	T3C	-	90
MHDS T8HO	40	T4	T3C	90
MHDS T8HO	55	T4A	-	90

FLUORESCENT

MHDS Series

Hazardous Locations • Class 1, Divison 2 • Class II, Divison 2 • Class III • UL 1598A Marine Outside Type • UL 844

Fixture Dimension (inches)



Nominal Fixture Length	A	B	C	D	E	Boxed Weight	Shipping Volume (Boxed Fixture)
Four Foot Fixture	6.88	5.00	7.88	36.63	53.13	30.7 lbs.	2.0 cu. ft.

Accessories



Fixed Mounting Kit

Stainless Steel Fixed 45°
Catalog Number: 53070
Shipping Weight: 2 lbs.

FLUORESCENT

MHDS Series

Hazardous Locations • Class 1, Divison 2 • Class II, Divison 2 • Class III • UL 1598A Marine Outside Type • UL 844

Candlepower Distribution

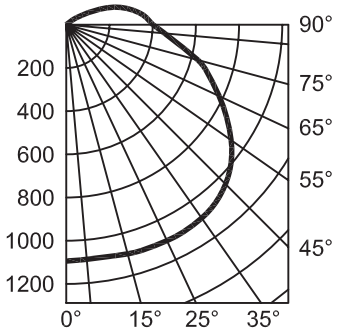
MHDS265-4-2

Deg.	Parl.	22.5	45.0	67.5	Norm
0	1094	1094	1094	1094	1094
5	1094	1092	1092	1088	1090
15	1057	1063	1077	1090	1098
25	978	1003	1040	1085	1103
35	867	912	991	1066	1093
45	718	789	906	1010	1043
55	531	632	780	899	932
65	316	440	610	747	781
75	140	268	463	598	631
85	38	147	314	432	458
90	16	102	261	365	402
95	16	78	230	331	373
105	10	41	159	249	292
115	4	16	70	134	172
125	0	2	20	37	57
135	0	0	7	14	16
145	0	0	0	5	8
155	0	0	0	0	1
165	0	0	0	0	0

Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.93	.93	.93	.84	.84	.84	.74	.74	.74
1	.76	.71	.66	.68	.64	.61	.59	.57	.54
2	.64	.57	.51	.57	.52	.47	.49	.46	.43
3	.55	.47	.41	.49	.43	.38	.42	.38	.34
4	.48	.39	.33	.43	.36	.31	.37	.32	.28
5	.42	.34	.28	.38	.31	.26	.33	.28	.24
6	.37	.29	.23	.34	.27	.22	.29	.24	.20
7	.33	.26	.20	.30	.24	.19	.26	.21	.18
8	.30	.23	.17	.27	.21	.17	.24	.19	.15
9	.27	.20	.15	.25	.19	.15	.22	.17	.13
10	.25	.18	.14	.23	.17	.13	.20	.15	.12

PhotometricData



Candlepower Distribution

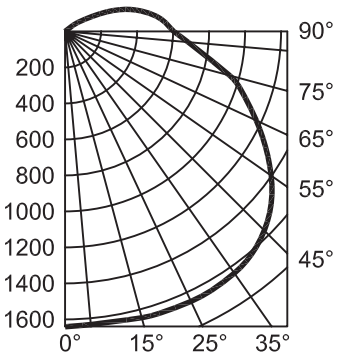
MHDS265-4-3

Deg.	Parl.	22.5	45.0	67.5	Norm
0	1641	1641	1641	1641	1641
5	1641	1638	1638	1632	1635
15	1585	1594	1616	1635	1647
25	1466	1504	1560	1627	1655
35	1301	1368	1487	1599	1640
45	1076	1184	1359	1515	1565
55	797	948	1170	1348	1398
65	474	660	916	1120	1172
75	211	402	694	987	947
85	58	220	471	647	686
90	23	153	392	548	604
95	23	117	345	496	560
105	16	61	239	373	438
115	6	23	105	201	257
125	0	3	30	56	86
135	0	0	11	20	23
145	0	0	3	8	12
155	0	0	0	0	2
165	0	0	0	0	0

Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.93	.93	.93	.84	.84	.84	.74	.74	.74
1	.76	.71	.66	.68	.64	.61	.59	.57	.54
2	.64	.57	.51	.57	.52	.47	.49	.46	.43
3	.55	.47	.41	.49	.43	.38	.42	.38	.34
4	.48	.39	.33	.43	.36	.31	.37	.32	.28
5	.42	.34	.28	.38	.31	.26	.33	.28	.24
6	.37	.29	.23	.34	.27	.22	.29	.24	.20
7	.33	.26	.20	.30	.24	.19	.26	.21	.18
8	.30	.23	.17	.27	.21	.17	.24	.19	.15
9	.27	.20	.15	.25	.19	.15	.22	.17	.13
10	.25	.18	.14	.23	.17	.13	.20	.15	.12

PhotometricData



RSS SERIES

Fluorescent Lighting for Hazardous Locations

RSS

- Class I, Division 2, Groups A, B, C & D
- UL 844 Hazardous Location
- UL 1598A Marine Outside Type
- CUL
- Wet Locations
- IP66
- 55° Ambient Temperature
- Stainless Steel



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RSS SERIES

Stainless Steel Fluorescent Lighting for Hazardous Locations

Each RSS Series fixture is individually tested for functional and dielectrical strength at the factory to ensure quality and reliability.



Stainless steel safety tab

Durable seam welded type 304 stainless steel housing standard. Type 316 stainless steel available as an option.

Stainless steel mounting brackets included.

Stainless steel cam action latches for maximum strength and durability. Captive stainless steel latches on one side act as hinge for added convenience.

Heavy-duty stainless steel lens frame for easy lens change-out.

Impact, UV and heat resistant clear acrylic lens. Tempered glass lens available as an option.

Spring loaded sockets for lamp stability and vibration protection.

Stainless steel cross bars provide added protection to lens.

FLUORESCENT

RSS Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A Marine Outside Type • CUL

Catalog Number Logic

RSS 800-4-U-XX

1 2 3 4 5

1 BASIC SERIES
RSS Fluorescent Fixture
Class I, Division 2, Groups A, B, C & D
UL 844 Hazardous Locations
UL 1598A Marine Outside Type
CUL
Zone 2, Groups IIA, IIB & IIC
IP66
55°C Ambient Temprature

2 LAMP CURRENT/LAMP WATTAGE
800 = 800mA, 60/35 Watt, T12HO[1]
460 = 460mA, 54 Watt, T5HO[2]
430 = 430mA, 34/20 Watt, T12 (export only)
425 = 425mA, 40/20 Watt (DC) Slimline
380 = 380mA, 44 Watt, T8HO[2]
265 = 265mA, 32/17 Watt, T8
T5 = T5, 28 Watt

3 NOMINAL FIXTURE LENGTH
2 = 2 Foot
4 = 4 Foot

4 VOLTAGE FREQUENCY
E = 12V DC (425mA Only)
F = 24V DC (425mA Only)
G = 32V DC (425mA Only)
H = 347V 60 HZ
U = 120 thru 277V 50/60 HZ

5 OPTIONS[3]
TW = End Mounting/Thru Wire Cable Installation Only
F = Individually Fused Ballast[4]
R = Radio Interference Filter
L = Lamps
EM = Emergency Battery Backup
316= SS316L Housing and Lens Frame
P = Polished
TM = Tempered Glass
HL = Hi-Lumen Ballast (T8 Only)
2ST2SC = 2 Safety Tabs & 2 Safety Cables

[1]Minimum starting temperature for standard 800mA fixtures is -20°F.
[2]Available in 4 ft. models only.
[3]Consult factory for pricing.
[4]Fuse option not available for marine listed fixtures.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

FLUORESCENT

RSS Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A Marine Outside Type • CUL



- Class I, Division 2, Groups A, B, C and D
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- Stainless Steel
- CUL
- Wet Locations
- IP66

(Lamps not included)

	Description	Hub Size (inches)	Voltage	Catalog Number
Four Foot Fixture	32 Watt, Instant Start Medium Bi-Pin, T8, 265mA, 48"	3/4	120-277V 50/60HZ	**RSS265-4-U**
	34 Watt, Rapid Start Medium Bi-Pin, T12, 430mA, 48" (export only)	3/4	120-277V 50/60HZ	**RSS430-4-U**
	60 Watt, Rapid Start High Output, T12 Recessed Double Contact, 800mA, 48"	3/4	120-277V 50/60HZ	**RSS800-4-U**
	54 Watt, T5 HO Miniature Bi-Pin 2 Lamp, 48”	3/4	120-277V 50/60HZ	**RSS460-4-U**
	28 Watt, T5 Miniature Bi-Pin 2 Lamp, 48”	3/4	120-277V 50/60HZ	**RSST5-4-U**
Two Foot Fixture	17 Watt, Instant Start Medium Bi-Pin, T8, 265mA, 24"	3/4	120-277V 50/60HZ	**RSS265-2-U**
	20 Watt, Rapid Start Medium Bi-Pin, T12, 430mA, 24" (export only)	3/4	120-277V 50/60HZ	**RSS430-2-U**
	35 Watt, Rapid Start High Output, T12, Recessed Double Contact, 800mA, 24"	3/4	120-277V 50/60HZ	**RSS800-2-U**
	28 Watt, T5 Miniature Bi-Pin 2 Lamp, 24”	3/4	120-277V 50/60HZ	**RSST5-2-U**

FLUORESCENT

RSS Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A Marine Outside Type • CUL

Coefficients of Utilization

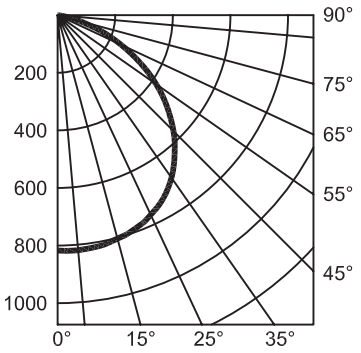
RSS2654U

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.49	.49	.49	.45	.45	.45	.42	.42	.42
1	.43	.41	.40	.40	.39	.38	.37	.37	.36
2	.38	.35	.33	.35	.33	.32	.33	.32	.30
3	.33	.30	.27	.31	.29	.27	.29	.27	.26
4	.29	.26	.23	.28	.25	.23	.26	.24	.22
5	.26	.23	.20	.25	.22	.20	.23	.21	.19
6	.24	.20	.18	.23	.20	.17	.21	.19	.17
7	.21	.18	.15	.21	.17	.15	.19	.17	.15
8	.20	.16	.14	.19	.16	.14	.18	.15	.13
9	.17	.13	.11	.17	.14	.12	.16	.14	.12

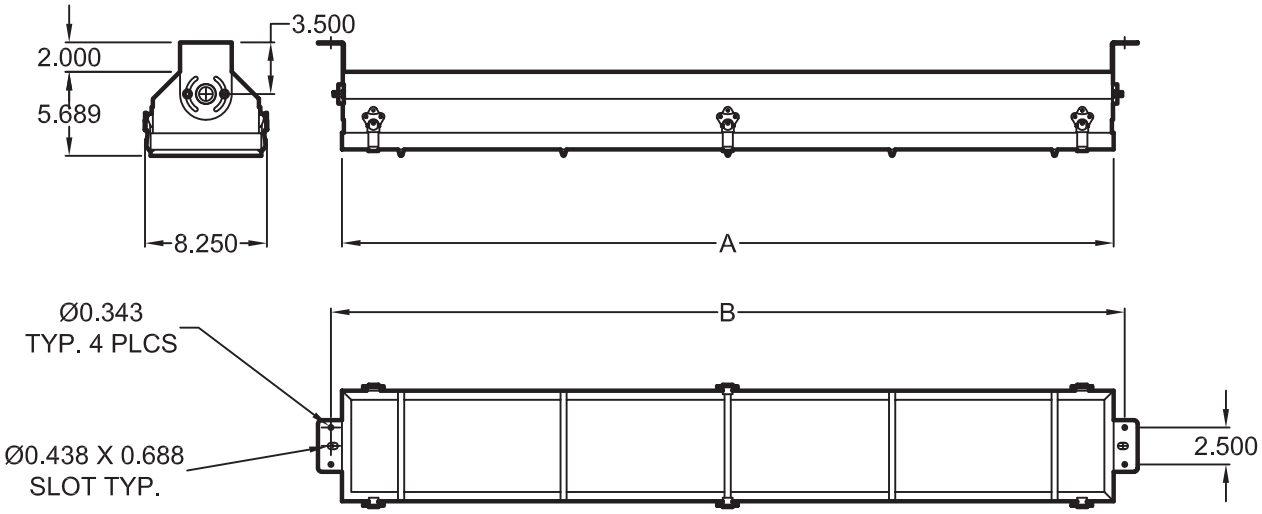
Candlepower Distribution

Deg	Parl.	22.5	45	67.5	Norm
0	817	817	817	817	817
5	814	815	816	818	819
15	788	792	798	801	803
25	736	745	754	763	765
35	660	671	685	690	689
45	555	571	578	572	569
55	428	445	435	425	418
65	278	286	270	250	244
75	121	120	104	88	81
85	12	12	10	8	8
90	0	0	0	0	0

Fluorescent Photometrics



Fixture Dimensions (inches)



RSS SERIES	Dimensions (Inches)		BOXED WEIGHT	SHIPPING VOLUME (BOXED FIXTURE)
	A	B		
4 FT. MODEL	52.25	54.13	35 lbs	1.8 CU. FT.
2 FT. MODEL	28.25	30.13	31 lbs	1.0 CU. FT.

Certification Guide

OPERATING TEMPERATURE CODE		
RSS SERIES	CLASS I, DIVISION 2 GROUPS A, B, C & D	RATED AMBIENT TEMPERATURE
RSS 800/430/265/460/425/T5	T3B (165°C/329°F)	55°C (131°F)

Accessories



Beam Clamp Mounting Kit
Catalog Number: 53010
Shipping Weight: 3 lbs.
(Included with new fixture purchase)

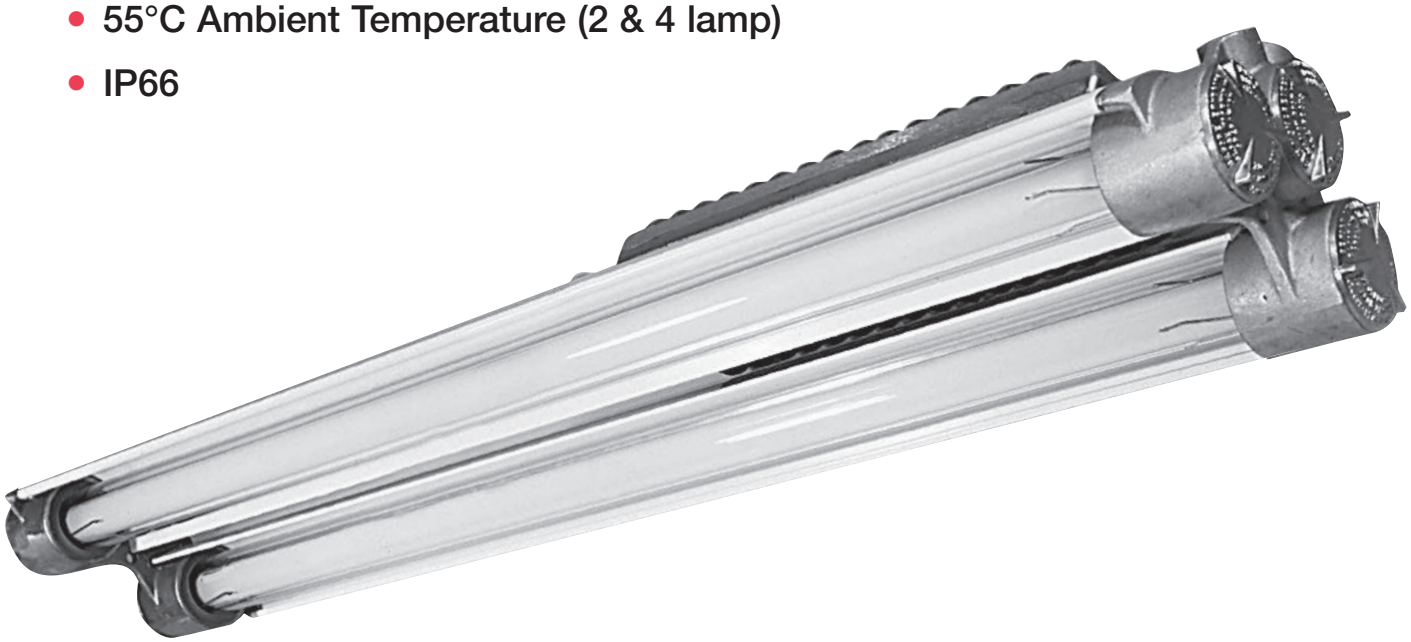


Beam Clamp
Catalog Number: 38083
Shipping Weight: 1.25 lbs.

XP SERIES

Fluorescent Lighting for Explosion Proof, Hazardous and Hostile Locations

- Class I, Division 1, Groups C & D
- Class I, Division 2, Groups C & D
- Class II, Division 1 & 2, Groups E, F & G
- Class III
- Simultaneous Presence
- UL 1598A Marine Outside Type
- UL 1598, UL 844 & UL 924
- NEMA 3, 4X, 7CD & 9EFG
- Paint Spray Booth
- CSA Certified
- 55°C Ambient Temperature (2 & 4 lamp)
- IP66



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CSA

UL LISTED

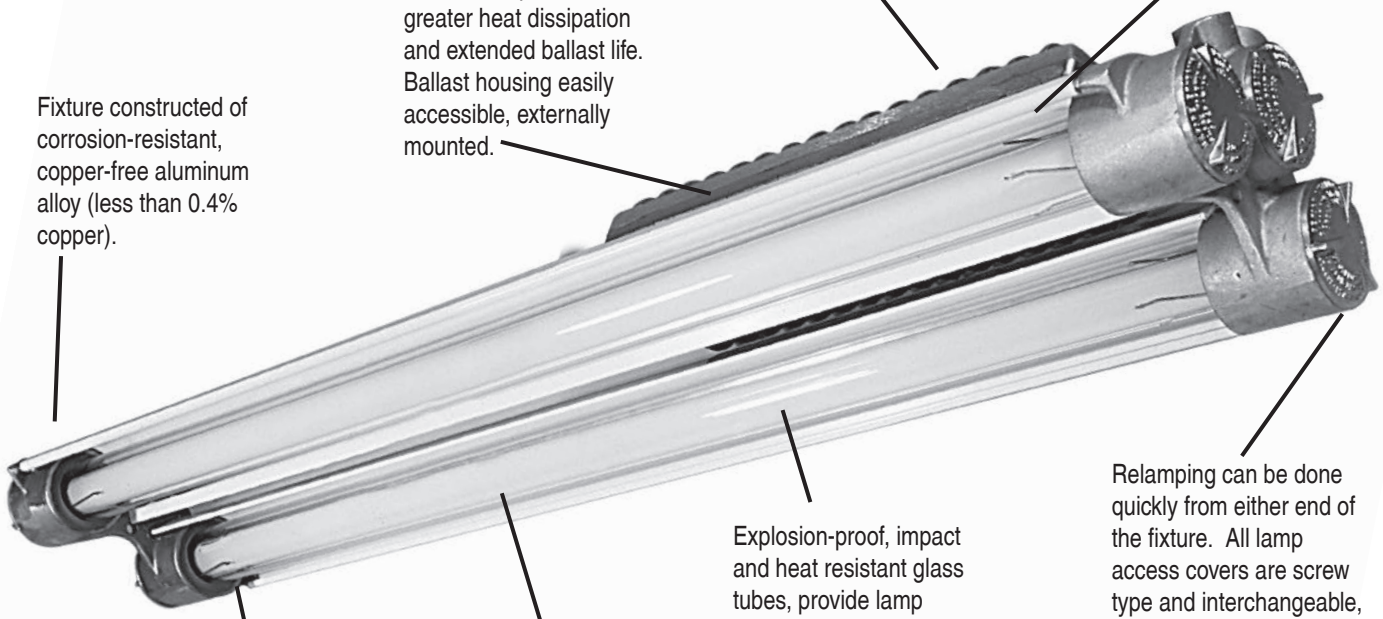
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XP SERIES

Fluorescent Lighting for Hazardous and Hostile Locations

Each XP Series fixture is individually tested for functional and dielectrical strength at the factory to assure quality and reliability and arrives assembled including reflectors, reducing installation time and cost.



Class P, thermally protected and cold weather rated ballast is standard. -20° F starting supplied with 60-110 watt fixtures. 50° F starting supplied with 40 watt fixtures.

Heavy gauge extruded aluminum reflectors (2.5 millimeters thick), with high gloss reflective finish. Resists dents and corrosion. Easy, quick removal for cleaning.

Over-sized, finned ballast housing for 800 & 1500 mA fixtures provides greater heat dissipation and extended ballast life. Ballast housing easily accessible, externally mounted.

Fixture constructed of corrosion-resistant, copper-free aluminum alloy (less than 0.4% copper).

Relamping can be done quickly from either end of the fixture. All lamp access covers are screw type and interchangeable, with “O-ring” seals.

Explosion-proof, impact and heat resistant glass tubes, provide lamp protection. Optional wire guard and/or clear polycarbonate shield available for additional security.

Lamps included

Spring loaded sockets on both ends hold lamps firmly for maximum shock and vibration protection.

XP Series heavy duty fixtures are suitable for installation in environments where fire or explosion hazards may exist due to flammable gases or vapors, flammable liquids, combustible dust, ignitable fibers or flyings, as defined by ANSI/NFPA 70/NEC Article 500. These fixtures are also suitable for installation in wet locations and marine environments where equipment is subjected to salt water spray, either indoor or outdoor.

XP Series

Explosion Proof • Paint Spray Booth • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Factory Sealed

Catalog Number Logic

XP 265 - 4 - 2L - U - XX

(1) (2) (3) (4) (5) (6)

(1) BASIC SERIES

XP FLUORESCENT FIXTURE
Class I, Division 1, Groups C & D
Class I, Division 2, Groups C & D
Class II, Division 1 and 2, Groups E, F & G
Class III
Simultaneous Presence
NEMA 3, 4X, 7CD, 9EFG
UL 1598, UL 1598A, UL 844 & UL 924
CSA Approved
IP66
55°C Ambient Temp. (2 & 4 lamp)
Class I, Zone 1, Groups IIA & IIB
Class I, Zone 2, Groups IIA, IIB & IIC
Suitable for Inside Paint Spray Booth

(2) LAMP CURRENT/LAMP WATTAGE

1500 = 1500mA, 110 Watt
800 = 800mA, 60 or 35 Watt
430 = 430mA, 34 or 20 Watt (export only)
425 = 425mA, 40 or 20 Watt (Slimline)
265 = 265mA, 17 or 32 Watt (T8 Lamp)
270 = 270mA, 40 Watt (Biaxial Lamp)
T5 = T5, 28 Watt Lamp
T5HO = T5HO, 54 Watt Lamp

(3) NOMINAL FIXTURE LENGTH

2 = 2 Foot[1]
4 = 4 Foot

(4) NUMBER OF LAMPS

2L = 2 Lamps
3L = 3 Lamps
4L = 4 Lamps

(5) VOLTAGE/FREQUENCY

A = 120V 60 HZ
B = 236V 60 HZ
C = 277V 60 HZ
D = 220V 50 HZ[2]
E = 12V DC
F = 24V DC
G = 32V DC
H = 347V 60 HZ
U = 120 thru 277V 50/60 HZ
N = 347 thru 480V 50/60 HZ

(6) OPTIONS[3]

EM = Emergency Battery Backup
F = Inline Fuse (External)[4]
R = Radio Interference Filter
HL = Hi Lumen Ballast (T8 Only)

[1] T5HO models not available in 2 foot.
[2] Not available with 2 ft. H.O.
[3] Consult factory for pricing.
[4] Fuse option not available for marine listed fixtures.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

XP Series

Explosion Proof • Paint Spray Booth • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Factory Sealed

Certification Guide

XP SERIES	AMBIENT °C	CLASS I DIVISION 1 GROUPS C & D	CLASS II DIVISION 1 GROUPS E, F & G CLASS III	SIMULTANEOUS PRESENCE CLASS I & II	UL 1598A	CSA
XP2652L	55	T6	T6	T6	YES	YES
XP2702L	55	T6	T6	T6	YES	NO
XP2703L	40	T6	T6	T6	YES	NO
XP2704L	55	T6	T6	T6	YES	NO
XP4252L	55	T4A	T4A	T4A	YES	YES
XP4253L	40	T4A	T4A	T4A	YES	YES
XP4254L	55	T4A	T4A	T4A	YES	YES
XP4302L	55	T6	T6	T6	YES	YES
XP4303L	40	T6	T6	T6	YES	YES
XP4304L	55	T6	T6	T6	YES	YES
XP8002L	55	T6	T6	T6	YES	YES
XP8003L	40	T6	T6	T6	YES	YES
XP8004L	55	T6	T6	T6	YES	YES
XP15002L	55	T6	T6	T6	YES	YES
XP15003L	40	T6	T6	T6	YES	YES
XP15004L	55	T6	T6	T6	YES	YES
XPT5HO2L	55	T6	T6	T6	YES	YES
XPT5HO3L	40	T6	T6	T6	YES	YES
XPT5HO4L	55	T6	T6	T6	YES	YES

FLUORESCENT

XP Series

Explosion Proof • Paint Spray Booth • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Factory Sealed



2-Lamp XP

- Class I, Division 1, Groups C and D; Class I, Division 2, Groups C and D; Class II, Division 1 and 2, Groups E, F and G; Class III
- UL 844 for Hazardous Locations and use inside paint spray booths and rooms. Also meets requirements for NFPA Standard 33 and NEC Article 516
- Simultaneous Presence
- UL 1598A Marine Outside Type
- CSA Approved
- Class I, Zone 1, Groups IIA and IIB
- Class I, Zone 2, Groups IIA, IIB and IIC
- Seismic tested by Structural Dynamics Research Corporation (full scale fragility qualification) tested in frequencies of 1 to 31.6 Hertz in 3-plane axis with maximum G force of 18.67 achieved
- NEMA 3, 4X, 7CD, 9EFG

(Lamps included)

	Description	Hub Size (inches)	Voltage	Catalog Number
Two-Lamp Four Foot Fixture	32 Watt, Instant Start, Medium Bi-Pin T8 48" 265mA	1/2	120-277V 50/60 HZ	**XP265-4-2L-U**
	34 Watt, Rapid Start F40T12 Medium Bi-Pin 430mA, 48" (export only)	1/2	120-277V 60 HZ	**XP430-4-2L-U**
	40 Watt, Instant Start F48T12, Slimline, Single Pin 425mA, 48"	1/2	12V DC	**XP425-4-2L-E**
			24V DC	**XP425-4-2L-F**
			32V DC	**XP425-4-2L-G**
	60 Watt, Rapid Start, High Output, F48T12/HO Recessed Double Contact, 800mA, 48"	1/2	120-277V 50/60 HZ	**XP800-4-2L-U**
	110 Watt, Rapid Start, Very High Output, F48T12/VHO Recessed Double Contact 1500mA, 48"	1/2	120V/60 HZ	**XP1500-4-2L-A**
			277V/60 HZ	**XP1500-4-2L-C**
			220V/50 HZ	**XP1500-4-2L-D**
	54 Watt, T5 HO Miniature Bi-Pin 2 Lamp, 48"	1/2	120-277V 50/60 HZ	**XPT5HO-4-2LU**
Two-Lamp Two Foot Fixture	17 Watt, Instant Start, Medium Bi-Pin T-8 24" 265mA	1/2	120-277V 50/60 HZ	**XP265-2-2L-U**
	20 Watt, Rapid Start, F20T12 Medium Bi-Pin, 430mA, 24" (export only)	1/2	120-277V 60 HZ	**XP430-2-2L-U**
	20 Watt, Instant Start, F24T12 Slimline, Single Pin, 425mA, 24"	1/2	12V DC	**XP425-2-2L-E**
			24V DC	**XP425-2-2L-F**
			32V DC	**XP425-2-2L-G**
	35 Watt, Rapid Start, High Output F24T12/HO Recessed Double Contact 800mA, 24"	1/2	120-277V 50/60 HZ	**XP800-2-2L-U**

FLUORESCENT

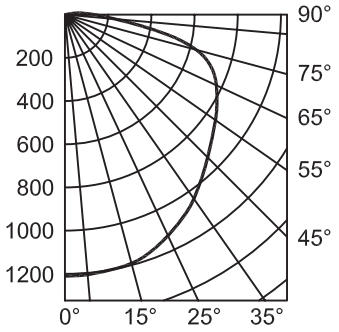
XP Series

Explosion Proof • Paint Spray Booth • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Factory Sealed

Candlepower Distribution
XP265-4-2L

Deg.	Parl.	22.5	45	67.5	Norm
0	1210	1210	1210	1210	1210
5	1210	1211	1210	1208	1208
15	1173	1177	1184	1191	1192
25	1088	1099	1116	1125	1129
35	963	983	1010	1032	1041
45	806	836	878	917	935
55	616	661	729	816	851
65	397	459	597	723	774
75	187	281	487	604	631
85	24	124	189	221	235
90	2	32	86	125	141

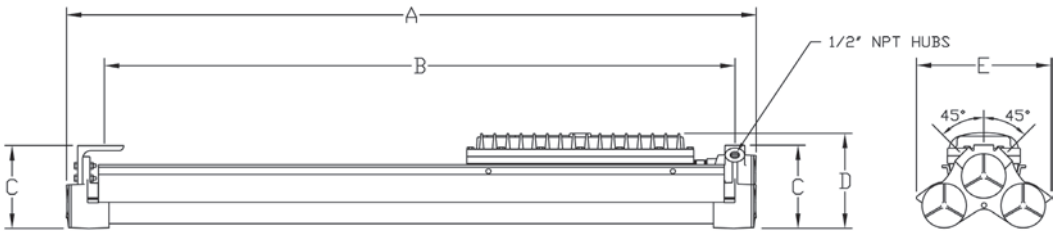
Fluorescent Photometrics



Coefficients of Utilization

% Effective Ceiling Cavity Reflectance Icc	80				70				50			30			10			0
% Wall Reflectance Iw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	20% Effective Floor Cavity Reflectance																	
0	.85	.85	.85	.85	.83	.83	.83	.83	.79	.79	.79	.75	.75	.75	.72	.72	.72	.71
1	.74	.70	.65	.62	.72	.68	.64	.60	.64	.61	.58	.61	.59	.56	.59	.56	.54	.53
2	.66	.59	.53	.47	.64	.57	.52	.47	.54	.50	.45	.52	.48	.44	.49	.46	.43	.41
3	.60	.50	.43	.38	.58	.49	.43	.37	.47	.41	.36	44	.40	.36	.42	.38	.35	.33
4	.54	.44	.36	.31	.52	.43	.36	.30	.41	.35	.30	.39	.34	.29	.37	.33	.29	.27
5	.49	.39	.31	.26	.47	.38	.31	.26	.36	.30	.25	.34	.29	.25	.33	.28	.24	.23
6	.45	.34	.27	.22	.44	.34	.27	.22	.32	.26	.21	.31	.25	.21	.29	.25	.21	.19
7	.42	.31	.24	.19	.40	.30	.23	.19	.29	.23	.18	.28	.22	.18	.27	.22	.18	.16
8	.38	.28	.21	.16	.37	.27	.21	.16	.26	.20	.16	.25	.20	.16	.24	.19	.16	.14
9	.36	.25	.19	.14	.35	.25	.19	.15	.24	.18	.14	.23	.18	.14	.22	.17	.14	.12
10	.33	.23	.17	.13	.32	.23	.17	.13	.22	.16	.13	.21	.16	.13	.20	.16	.12	.11

2-Lamp Fixture Dimensions (inches)



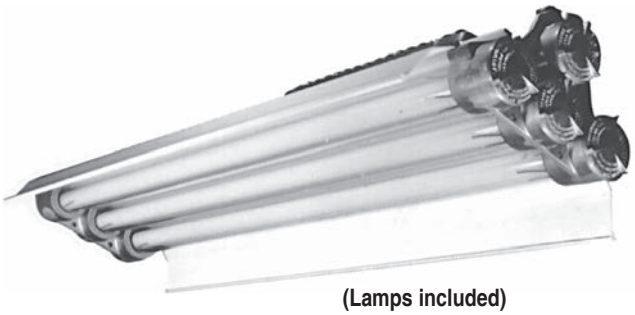
XP SERIES	Dimensions (inches) A	B	C	D	E	Boxed Weight	Shipping Volume (Boxed Fixtures)
2-Lamp, 4 ft. Fixture (40, 60, 110 watt)	53	48.5	6.5	7	11.5	65 lbs.	4.7 cu. ft.
2-Lamp, 2 ft. Fixture (20 and 35 watt)	29	24.5	6.5	7	11.5	50 lbs.	3.1 cu. ft.

FLUORESCENT

XP Series

Explosion Proof • Paint Spray Booth • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Factory Sealed

3-Lamp XP

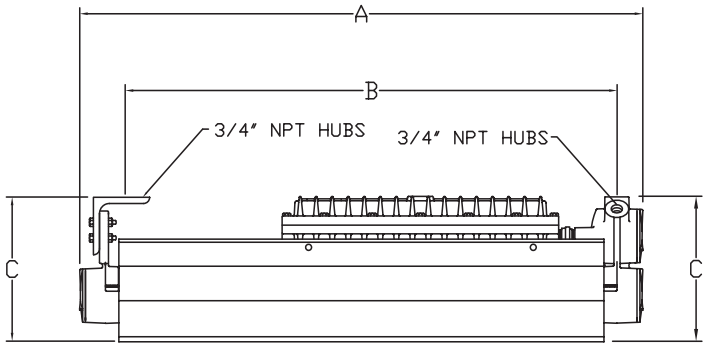


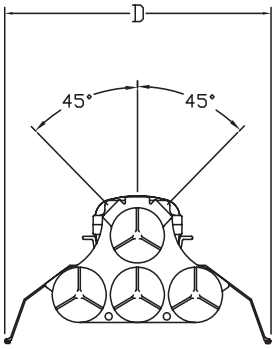
(Lamps included)

- Class I, Division 1, Groups C and D; Class I, Division 2, Groups C and D; Class II, Division 1 and 2, Groups E, F and G; Class III
- UL 844 for Hazardous Locations and use inside paint spray booths and rooms. Also meets requirements for NFPA Standard 33 and NEC Article 516
- Simultaneous Presence
- UL 1598A Marine Outside Type
- CSA Approved
- Zone 1, Groups IIA and IIB
- Zone 2, Groups IIA, IIB and IIC
- Seismic tested by Structural Dynamics Research Corporation (full scale fragility qualification) tested in frequencies of 1 to 31.6 Hertz in 3-plane axis with maximum G force of 18.67 achieved
- NEMA 3, 4X, 7CD, 9EFG

	Description	Hub Size (inches)	Voltage	Catalog Number
Three-Lamp Four Foot Fixture	32 Watt, Instant Start, Medium Bi-Pin, T8 265mA, 48"	3/4	120-277V 50/60 HZ	**XP265-4-3L-U**
	34 Watt, Rapid Start F40T12, Medium Bi-Pin, 430mA, 48" (export only)	3/4	120-277V 50/60 HZ	**XP430-4-3L-U**
	60 Watt, Rapid Start, High Output, F48T12/HO Recessed Double Contact, 800mA, 48"	3/4	120-277V 50/60 HZ	**XP800-4-3L-U**
	110 Watt, Rapid Start, Very High Output, F48T12/VHO Recessed Double Contact, 1500mA, 48"	3/4	120V/60 HZ	**XP1500-4-3L-A**
			277V/60 HZ	**XP1500-4-3L-C**
	54 Watt, T5HO Miniature Bi-Pin 48"	3/4	120-277V 50/60 HZ	**XPT5HO-4-3L-U**

3-Lamp Fixture Dimensions (inches)





XP SERIES	Dimensions (inches) A	B	C	D	Boxed Weight	Shipping Volume (Boxed Fixtures)
3-Lamp, 4 ft. Fixture (34, 60, 110 Watt)	53	48.5	8.94	16.63	85 lbs.	10.5 cu. ft.

Add 5/8 inch to fixture height and 1/4 inch to width when wire guard is used.

FLUORESCENT

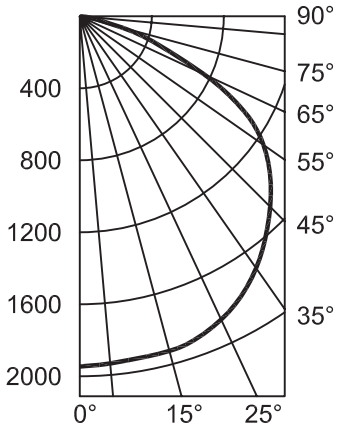
XP Series

Explosion Proof • Paint Spray Booth • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Factory Sealed

Candlepower Distribution
XP265-4-3L

Deg.	Parl.	22.5	45	67.5	Norm
0	1946	1946	1946	1946	1946
5	1943	1942	1939	1937	1936
15	1876	1877	1896	1918	1925
25	1736	1755	1814	1851	1859
35	1543	1593	1662	1700	1708
45	1294	1375	1436	1476	1496
55	990	1081	1159	1235	1246
65	613	710	820	789	760
75	245	353	350	279	248
85	13	30	35	38	37
90	0	0	0	0	0

Fluorescent Photometrics



Coefficients of Utilization

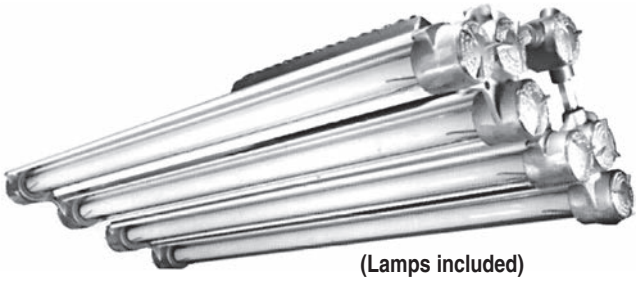
% Effective Ceiling Cavity Reflectance Icc	80				70				50			30			10			0
% Wall Reflectance Iw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	20% Effective Floor Cavity Reflectance																	
0	.79	.79	.79	.79	.77	.77	.77	.77	.73	.73	.73	.70	.70	.70	.67	.67	.67	.66
1	.71	.67	.64	.61	.69	.66	.63	.60	.63	.60	.58	.60	.58	.56	.58	.56	.55	.53
2	.64	.57	.52	.48	.62	.56	.51	.47	.54	.50	.46	.51	.48	.45	.49	.47	.44	.43
3	.57	.50	.44	.39	.56	.48	.43	.38	.46	.42	.38	.44	.40	.37	.43	.39	.36	.35
4	.52	.43	.37	.32	.50	.42	.36	.32	.41	.35	.31	.39	.34	.31	.37	.34	.30	.29
5	.47	.38	.32	.27	.46	.37	.31	.27	.36	.30	.26	.34	.30	.26	.33	.29	.26	.24
6	.43	.34	.27	.23	.42	.33	.27	.23	.32	.26	.22	.31	.26	.22	.30	.25	.22	.21
7	.40	.30	.24	.20	.39	.30	.24	.20	.29	.23	.19	.28	.23	.19	.27	.22	.19	.18
8	.37	.27	.21	.17	.36	.27	.21	.17	.26	.21	.17	.25	.20	.17	.24	.20	.17	.15
9	.34	.25	.19	.15	.33	.24	.19	.15	.24	.19	.15	.23	.18	.15	.22	.18	.15	.13
10	.32	.23	.17	.13	.31	.22	.17	.13	.22	.17	.13	.21	.16	.13	.20	.16	.13	.12

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XP Series

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4-Lamp XP

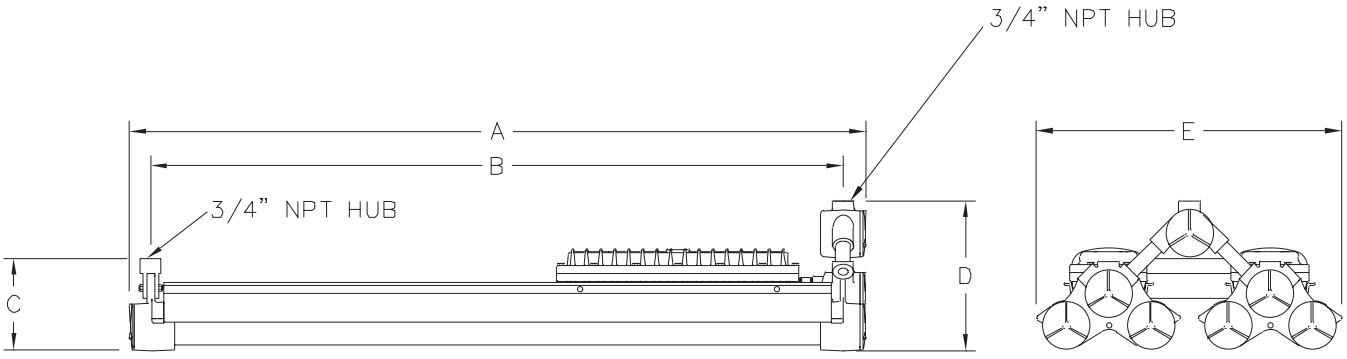


(Lamps included)

- Class I, Division 1, Groups C and D; Class I, Division 2, Groups C and D; Class II, Division 1 and 2, Groups E, F and G; Class III
- UL 844 for Hazardous Locations and use inside paint spray booths and rooms. Also meets requirements for NFPA Standard 33 and NEC Article 516
- Simultaneous Presence
- UL 1598A Marine Outside Type
- CSA Approved
- Zone 1, Groups IIA and IIB
- Zone 2, Groups IIA, IIB and IIC
- Seismic tested by Structural Dynamics Research Corporation (full scale fragility qualification) tested in frequencies of 1 to 31.6 Hertz in 3-plane axis with maximum G force of 18.67 achieved
- NEMA 3, 4X, 7CD, 9EFG

	Description	Hub Size (inches)	Voltage	Catalog Number
Four-Lamp Four Foot Fixture	32 Watt, Instant Start, Medium Bi-Pin, T8 265mA, 48"	3/4	120-277V 50/60 HZ	**XP265-4-4L-U**
	34 Watt, Rapid Start, F40T12 Medium Bi-Pin, 430mA, 48" (export only)	3/4	120-277V 50/60 HZ	**XP430-4-4L-U**
	60 Watt, Rapid Start, High Output, F48T12/HO Recessed Double Contact, 800mA, 48"	3/4	120-277V 50/60 HZ	**XP800-4-4L-U**
	110 Watt, Rapid Start, Very High Output, F48T12/VHO Recessed Double Contact, 1500mA, 48"	3/4	120-277V 50/60 HZ	**XP1500-4-4L-U**
	54 Watt T5HO Miniature Bi-Pin 4 Lamp, 48"	3/4	120-277V 50/60 HZ	**XPT5HO-4-4L-U**

4-Lamp Fixture Dimensions (inches)



XP SERIES	Dimensions (inches) A	B	C	D	E	Boxed Weight	Shipping Volume (Boxed Fixtures)
4-Lamp, 4 ft. Fixture (40, 60, 110 watt)	**53**	**49.4**	**6.8**	**11.3**	**23.2**	**138 lbs.**	**10.8 cu. ft.**

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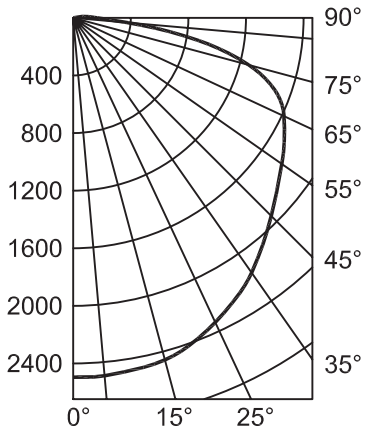
XP Series

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Candlepower Distribution
XP265-4-4L

Deg.	Parl.	22.5	45	67.5	Norm
0	2495	2495	2495	2495	2495
5	2492	2493	2494	2493	2495
15	2411	2420	2438	2452	2459
25	2229	2257	2293	2322	2333
35	1975	2021	2080	2136	2160
45	1642	1715	1810	1904	1945
55	1253	1355	1506	1692	1769
65	807	939	1233	1510	1615
75	371	574	991	1210	1262
85	43	225	303	354	374
90	2	38	99	148	165

Fluorescent Photometrics



Coefficients of Utilization

% Effective Ceiling Cavity Reflectance Icc	80				70				50			30			10			0
% Wall Reflectance Iw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio RCR	20% Effective Floor Cavity Reflectance																	
0	.86	.86	.86	.86	.84	.84	.84	84	.80	.80	.80	.77	.77	.77	.73	.73	.73	.72
1	.76	.71	.67	.63	.74	.69	.65	.62	.66	.63	.60	.63	.60	.58	.60	.58	.56	.54
2	.67	.60	.54	.48	.65	.58	.53	.48	.56	.51	.46	.53	.49	.45	.51	.47	.44	.42
3	.61	.51	.44	.39	.59	.50	.43	.38	.48	.42	.37	.45	.41	.36	.43	.39	.36	.34
4	.55	.45	.37	.32	.53	.44	.37	.31	.42	.35	.31	.40	.34	.30	.38	.33	.30	.28
5	.50	.39	.32	.26	.48	.38	.31	.26	.37	.30	.26	.35	.30	.25	.34	.29	.25	.23
6	.46	.35	.28	.22	.44	.34	.27	.22	.33	.27	.22	.31	.26	.22	.30	.25	.21	.20
7	.42	.31	.24	.19	.41	.31	.24	.19	.29	.23	.19	.28	.23	.19	.27	.22	.19	.17
8	.39	.28	.21	.17	.38	.28	.21	.27	.27	.21	.17	.26	.20	.16	.25	.20	.16	.15
9	.36	.26	.19	.15	.35	.25	.19	.15	.24	.19	.15	.23	.18	.14	.23	.18	.14	.13
10	.34	.24	.17	.13	.33	.23	.17	.13	.22	.17	.13	.22	.16	.13	.21	.16	.13	.11

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XP Series

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2-Lamp Biaxial XP

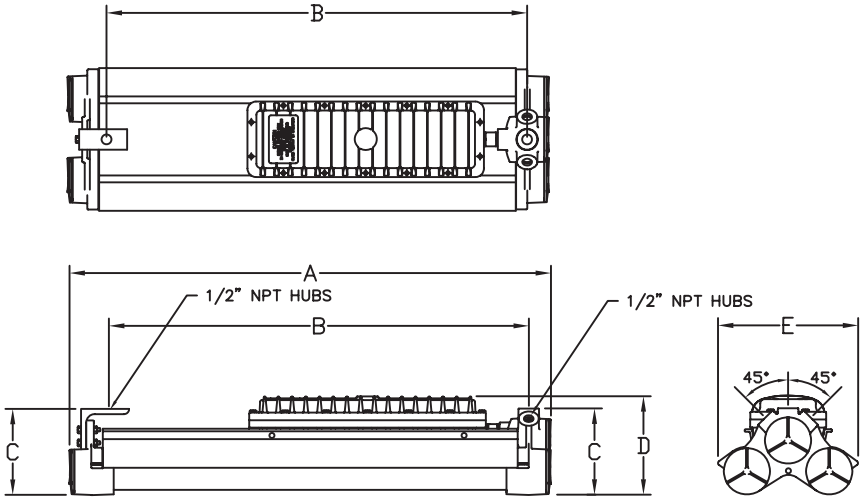
- Class I, Division 1, Groups C and D; Class I, Division 2, Groups C and D; Class II, Division 1 and 2, Groups E, F and G; Class III
- UL 844 for Hazardous Locations and use inside paint spray booths and rooms. Also meets requirements for NFPA Standard 33 and NEC Article 516
- Simultaneous Presence
- UL 1598A Marine Outside Type
- CSA Approved
- Zone 1, Groups IIA and IIB
- Zone 2, Groups IIA, IIB and IIC
- Seismic tested by Structural Dynamics Research Corporation (full scale fragility qualification) tested in frequencies of 1 to 31.6 Hertz in 3-plane axis with maximum G force of 18.67 achieved
- NEMA 3, 4X, 7CD, 9EFG



(Lamps included)

	Description	Hub Size (inches)	Voltage	Catalog Number
Two-Lamp Two Foot Fixture	40 Watt, Rapid Start Single Ended Biaxial 4 Pin, 270mA, 22 1/2"	1/2	120-277V 50/60 HZ	**XP270-2-2L-U**

2-Lamp Fixture Dimensions (inches)



XP SERIES	Dimensions(inches) A	B	C	D	E	Boxed Weight	Shipping Volume (Boxed Fixtures)
2-Lamp. 2ft. Fixture (Biaxial)	29	24.5	6.5	7	11.5	40	3.1 Cu.ft.

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XP Series

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3-Lamp Biaxial XP

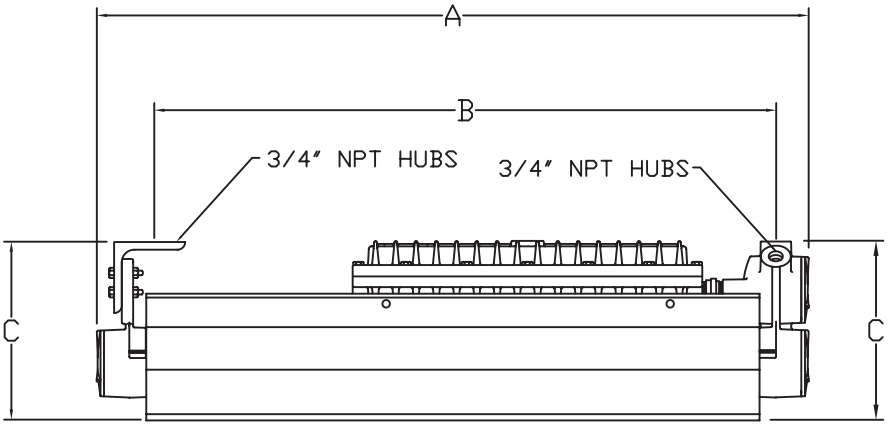
- Class I, Division 1, Groups C and D; Class I, Division 2, Groups C and D; Class II, Division 1 and 2, Groups E, F and G; Class III
- UL 844 for Hazardous Locations and use inside paint spray booths and rooms. Also meets requirements for NFPA Standard 33 and NEC Article 516
- Simultaneous Presence
- UL 1598A Marine Outside Type
- CSA Approved
- Zone 1, Groups IIA and IIB
- Zone 2, Groups IIA, IIB and IIC
- Seismic tested by Structural Dynamics Research Corporation (full scale fragility qualification) tested in frequencies of 1 to 31.6 Hertz in 3-plane axis with maximum G force of 18.67 achieved
- NEMA 3, 4X, 7CD, 9EFG

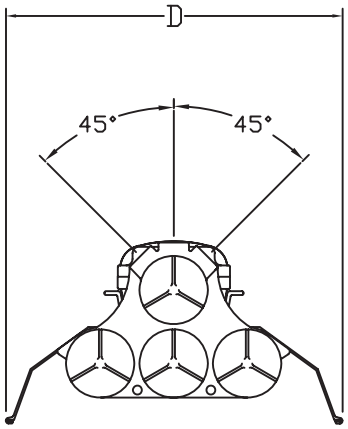


(Lamps included)

	Description	Hub Size (inches)	Voltage	Catalog Number
Three-Lamp Two Foot Fixture	40 Watt, Rapid Start Single Ended Biaxial 4 Pin, 270mA, 22 1/2"	3/4	120-277V 50/60 HZ	**XP270-2-3L-U**

3-Lamp XP Series Dimensions (inches)





XP SERIES	Dimensions (inches) A	B	C	D	Boxed Weight	Shipping Volume (Boxed Fixtures)
3-Lamp, 2 ft Fixture (Biaxial)	29	24.5	8.94	16.63	48 lbs.	5.5 cu. ft.

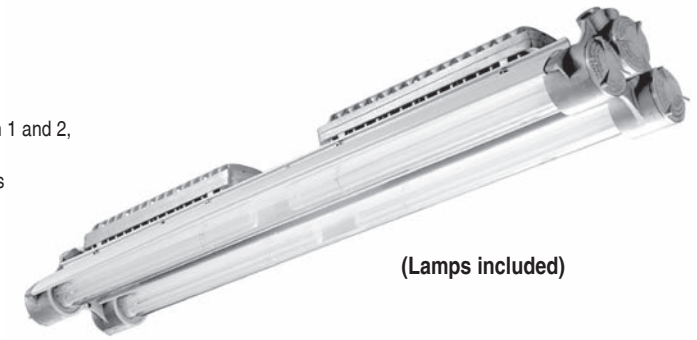
Add 5/8 inch to fixture height and 1/4 inch to width when wire guard is used.

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XP Series

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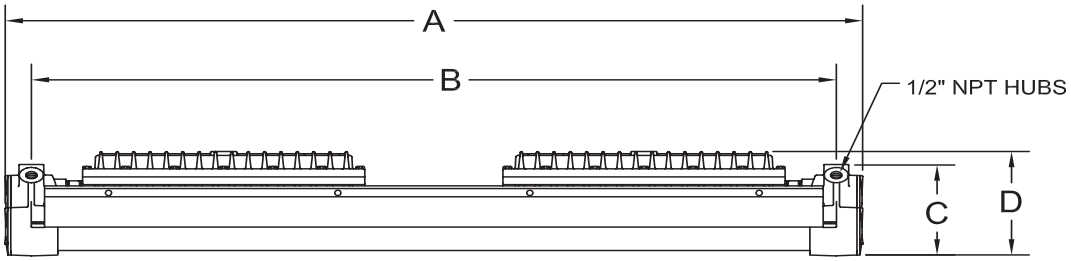
4-Lamp Biaxial XP

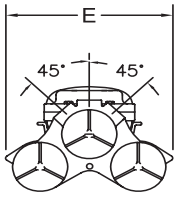


(Lamps included)

- Class I, Division 1, Groups C and D; Class I, Division 2, Groups C and D; Class II, Division 1 and 2, Groups E, F and G; Class III
- UL 844 for Hazardous Locations and use inside paint spray booths and rooms. Also meets requirements for NFPA Standard 33 and NEC Article 516
- Simultaneous Presence
- UL 1598A Marine Outside Type
- CSA Approved
- Zone 1, Groups IIA and IIB
- Zone 2, Groups IIA, IIB and IIC
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- NEMA 3, 4X, 7CD, 9EFG

	Description	Hub Size (inches)	Voltage	Catalog Number
Four-Lamp Four Foot Fixture	40 Watt, Rapid Start Single Ended Biaxial 4 Pin, 270mA, 22 1/2"	1/2	120-277V 50/60HZ	**XP270-4-4L-U**





XP SERIES	Dimensions(inches)					Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C	D	E		
4-Lamp. 4ft. Fixture (Biaxial)	53	49.38	6.5	7	11.5	70	4.7 Cu.ft.

XP Series

Explosion Proof • Paint Spray Booth • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Factory Sealed

XP Series Emergency



- Class I, Division 1, Groups C and D; Class I, Division 2, Groups C and D; Class II, Divisions 1 & 2, Groups E, F, and G; Class III
- UL listed and labeled 1598, 844 and 924
- Emergency illumination exceeds NEC, NFPA Life Safety Code and UL 90 minute requirement
- Factory-sealed
- NEMA 3, 4X, 7CD, 9EFG: IP66
- Zone 1, Groups IIA and IIB
- Zone 2, Groups IIA, IIB and IIC

(Lamps included)

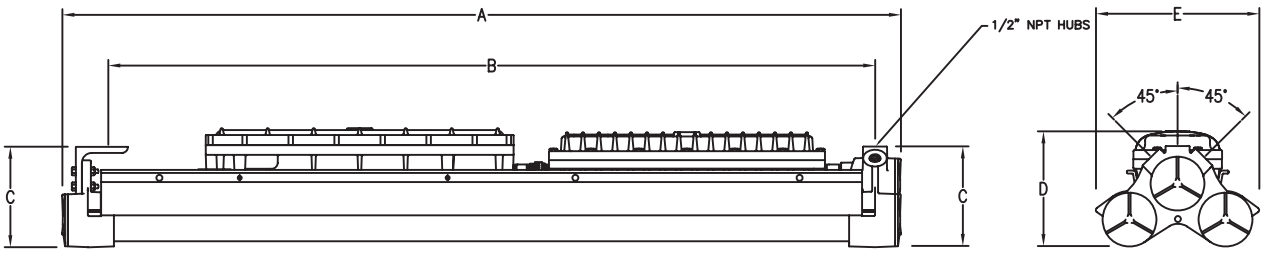
	Description	Hub Size (inches)	Voltage	Catalog Number
Two Lamp Four Foot Emergency Fixture	34 Watt, Rapid Start F40T12 Medium Bi-Pin 430mA, 48" (export only)	1/2	120V/60 HZ	**XP430-4-2L-U-EM**
			277V/60 HZ	**XP430-4-2L-U-EM**
			220V/50 HZ	**XP430-4-2L-U-EM**
	60 Watt, Rapid Start, High Output F48T12 Recessed Double Contact, 800mA, 48"	1/2	120V-277V 50/60 HZ	**XP800-4-2L-U-EM**
	32 Watt, Instant Start Medium Bi-Pin T8 265mA, 48"	1/2	120V-277V 50/60 HZ	**XP265-4-2L-U-EM**
	54 Watt, Instant Start, High Output T5HO Miniature Bi-Pin 48"	1/2	120V-277V 50/60 HZ	**XPT5HO-4-2L-U-EM**
	28 Watt, Program Start, T5, Miniature Bi-Pin 48"	1/2	120V-277V 50/60 HZ	**XPT5-4-2L-U-EM**
Three Lamp Four Foot Emergency Fixture	34 Watt, Rapid Start F40T12 Medium Bi-Pin 430mA, 48" (export only)	1/2	120V/60 HZ	**XP430-4-3L-U-EM**
			277V/60 HZ	**XP430-4-3L-U-EM**
			220V/50 HZ	**XP430-4-3L-U-EM**
	60 Watt, Rapid Start, High Output F48T12 Recessed Double Contact, 800mA, 48"	1/2	120V-277V 50/60 HZ	**XP800-4-3L-U-EM**
	32 Watt, Instant Start Medium Bi-Pin T8 265mA, 48"	1/2	120V-277V 50/60 HZ	**XP265-4-3L-U-EM**
	54 Watt, Instant Start, High Output T5HO Miniature Bi-Pin 48"	1/2	120V-277V 50/60 HZ	**XPT5HO-4-3L-U-EM**
	28 Watt, Program Start, T5, Miniature Bi-Pin 48"	1/2	120V-277V 50/60 HZ	**XPT5-4-3L-U-EM**

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XP Series

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XP Series Emergency Fixture Dimensions (inches)



XP SERIES	Dimensions(inches)					Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C	D	E		
2-Lamp. 4ft. Emergency Fixture	53	49.38	6.5	7	11.5	70	5.3 Cu.ft.

Description/Features

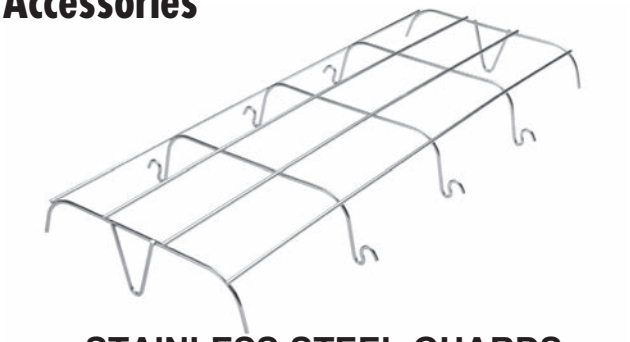
- Self-contained unitized construction
- Explosion-proof housing, corrosion-resistant, copper-free aluminum
- Contains sealed, maintenance-free high temperature rechargeable nickel cadmium battery charger and AC ballast
- Explosion-proof test switch and charging indicator pilot light
- Same fixture body as standard XP Series fixture allows the fixture to be used for both normal and emergency operation. Emergency mode does not affect normal fixture operation

Operation

Fixture operates normally on 120V, 277V 60HZ or 220V 50HZ as specified. When AC power fails, fixture automatically switches to the emergency mode, keeping one lamp illuminated, providing up to 1200 lumens for at least 90 minutes of safe egress lighting, regardless of type of lamps.

When AC power is restored, the unit switches to charging mode and normal lighting resumes. The charging indicator light provides a visual indication that the battery is charging.

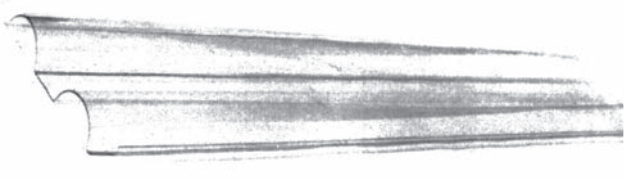
Accessories



STAINLESS STEEL GUARDS

DESCRIPTION	CATALOG NUMBER
2-Lamp 2-Ft. Fixtures	86321
2-Lamp 4-Ft. Fixtures	86320
3-Lamp 4-Ft. Fixtures	86345

Four Lamp Fixtures Require Two Cat. #86320 Guards



POLYCARBONATE SHIELDS

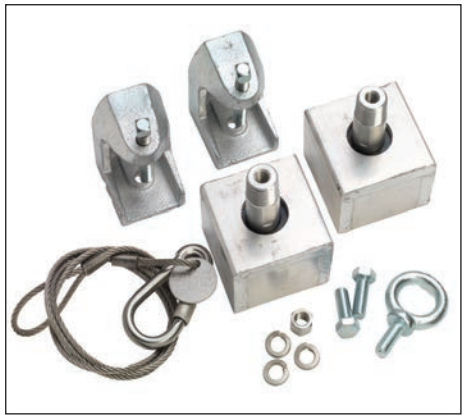
DESCRIPTION	CATALOG NUMBER
3-Lamp 2-Ft. Fixtures	86000
2-Lamp 2-Ft. Fixtures	86001
2-Lamp 4-Ft. Fixtures	86002
3-Lamp 4-Ft. Fixtures	86003*

Four Lamp Fixtures Require Two Cat. #86002 Shields.
*One 86345 guard required.



Wall/Ceiling Mounting Kit

Catalog Number: 53041 (For 2-lamp fixtures only)
Shipping Weight: 5 lbs.



Shock Mounting Kit

Catalog Number: 53036 (For 2-lamp fixtures only)
Shipping Weight: 5 lbs.



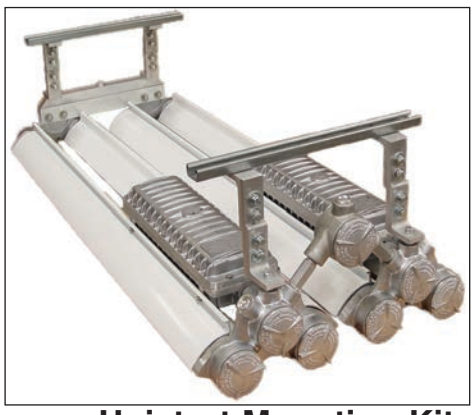
Drop Mounting Kit

Catalog Number: 53037 (For 2-lamp fixtures only)
Shipping Weight: 5 lbs.



Beam Mounting Kit

Catalog Number: 53035 (For 2-lamp fixtures only)
Shipping Weight: 5 lbs.



Unistrut Mounting Kit

Catalog Number: 53047 (For 4-lamp fixtures only)
Shipping Weight: 5 lbs.

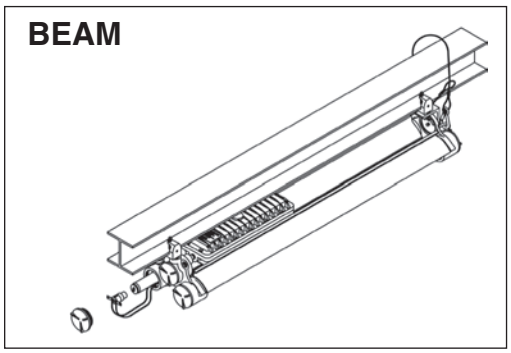
FLUORESCENT

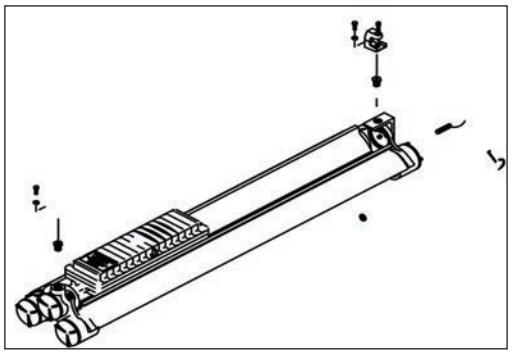
XP Series

Explosion Proof • Paint Spray Booth • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Factory Sealed

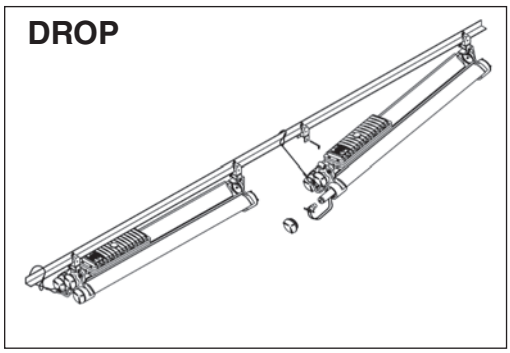
Typical Installations

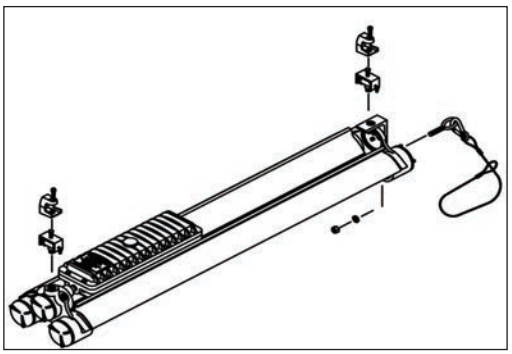
BEAM



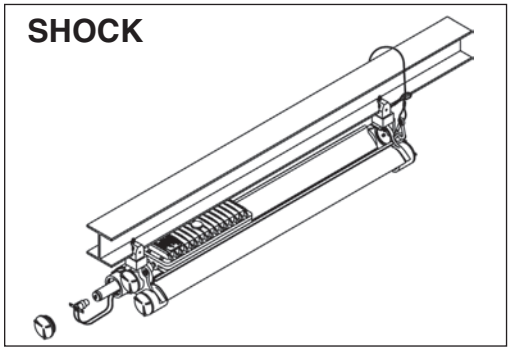


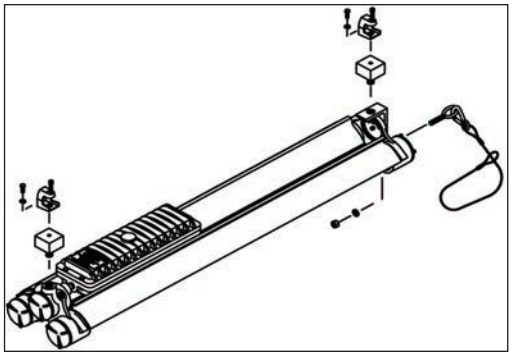
DROP



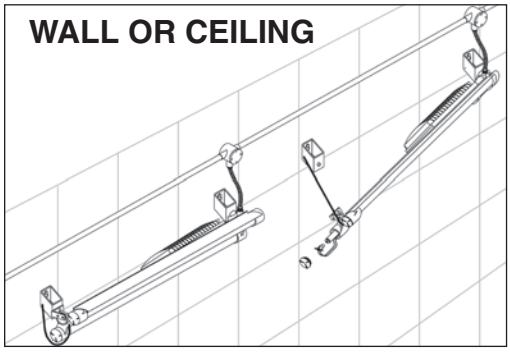


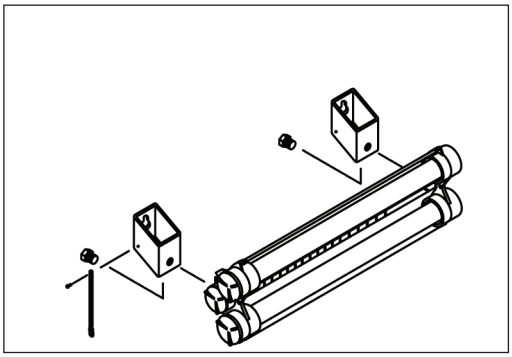
SHOCK





WALL OR CEILING



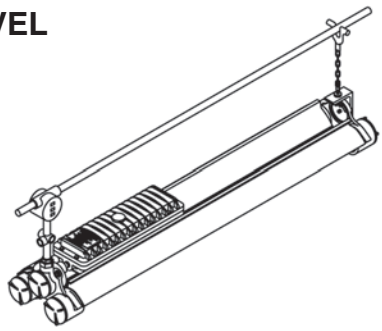


FLUORESCENT

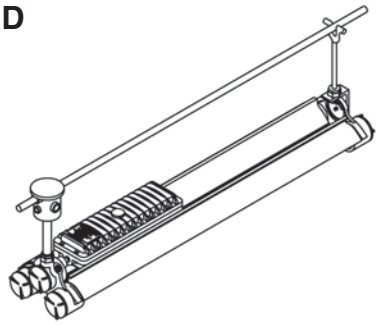
XP Series

Explosion Proof • Paint Spray Booth • UL 844 • UL 1598A Marine Outside Type • CSA Certified • Factory Sealed

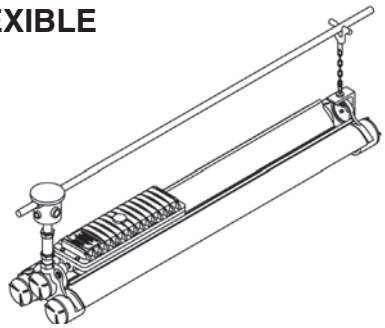
SWIVEL



RIGID



FLEXIBLE



FPF 2 SERIES

Non-Metallic Fixture for Food Processing

FPF 2

- NSF Certified Food Equipment
- High Pressure Hose Down
- UL 1598A Wet Locations
- Non-Metallic LED Fixture
- CUL



c UL us LISTED

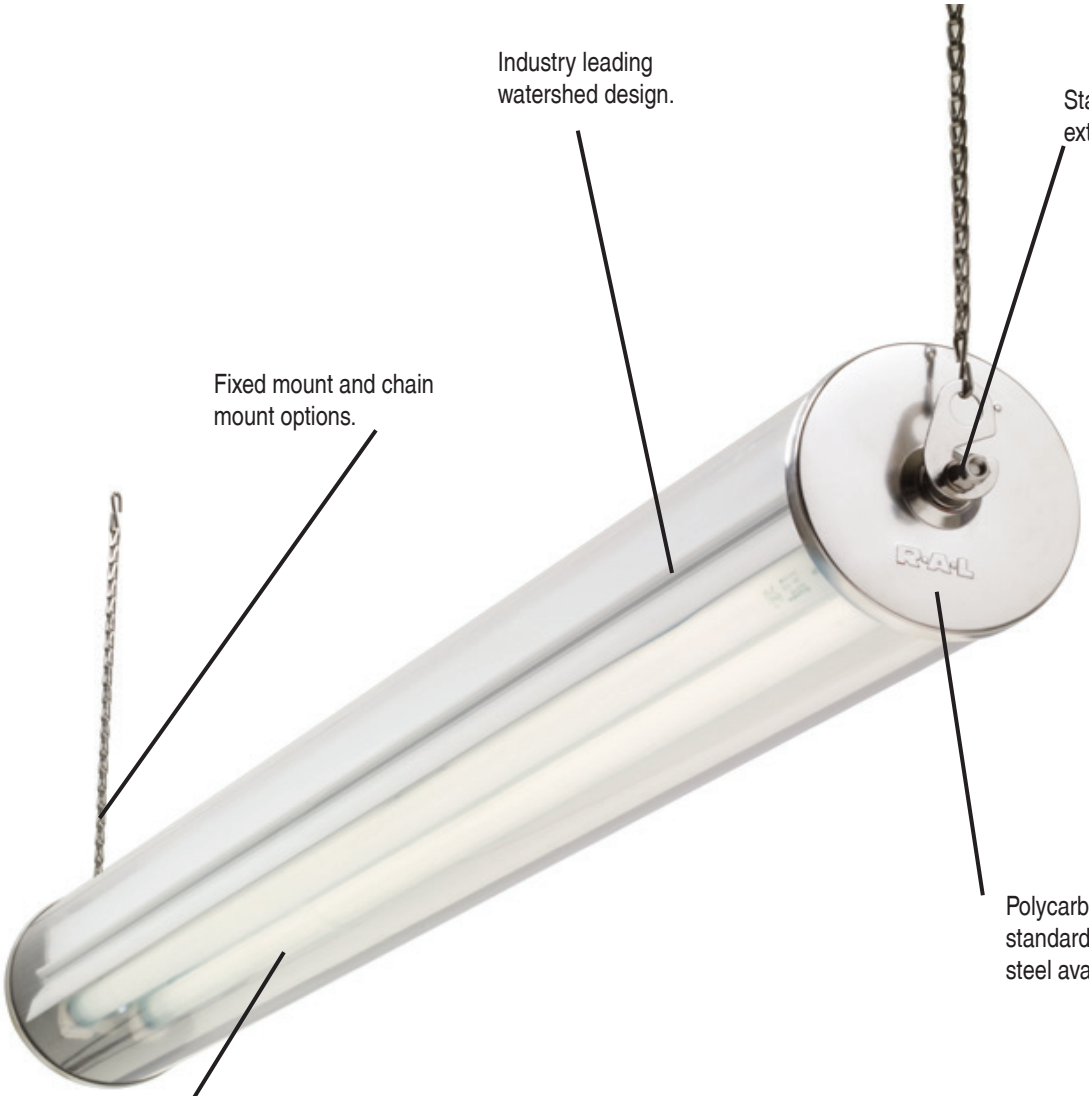
NSF

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FPF 2 SERIES

Non-Metallic Fixture for Food Processing



- Indoor or outdoor use
- High pressure hose down
- Emergency option available

FLUORESCENT

FPF 2 Series

Non-Metallic Housing • UL 1598 Wet Locations • CUL • High Pressure Hose Down • Indoor or Outdoor • NSF Certified

Catalog Number Logic

FPF2 265-8- 2- U-XX

1 2 3 4 5 6

1 BASIC SERIES
FPF2 Non Metallic Fluorescent Fixture
UL 1598 Wet Locations
CUL
NSF Certified Food Equipment

2 LAMP WATTAGE
380 = 380mA, 86 Watt
265 = 265mA, 59 or 32 Watt (T8 Lamps)
T5HO = T5HO 54 Watt

3 NOMINAL FIXTURE LENGTH
2 = 2 Foot (T5HO consult factory)
4 = 4 Foot
8 = 8 Foot

4 NUMBER OF LAMPS
1 = 1 Lamp
2 = 2 Lamp
3 = 3 Lamp (4 ft. T5HO Only)
4 = 4 Lamp (8 ft. Only)
6 = 6 Lamp (8 ft. T5HO Only)
Not Available as Emergency

5 VOLTAGE/FREQUENCY
A = 120V 60 HZ
C = 277V 60 HZ
H = 347V 60 HZ[1]
U = 120 thru 277V 50/60 HZ

6 OPTIONS[2]
AL95 = 95% Premium Specular Reflector
F = Single Fuse
HL = Hi-Lumen Ballast (T8 Only)
L = Lamps
LC = Coated Lamps
R = Radio Interference Filter
SS = Stainless Steel End Caps
EON = Emergency Only
ENN = Emergency & Normal
ENS = Emergency & Normal Switched
1 UP = 2 Lamps Down and 1 Lamp Up

[1] Fixtures are furnished with FPFXDMKT, non-metallic cord grip and 3 ft. long #16 AWG 3 conductor type SOA cable.
[2] Consult factory for pricing.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

FPF 2 Series

Non-Metallic Housing • UL 1598 Wet Locations • CUL • High Pressure Hose Down • Indoor or Outdoor • NSF Certified

Fluorescent Series



- UL 1598 Wet Locations
- CUL
- NSF Certified Food Equipment
- Non-metallic housing
- Aluminum reflector and ballast cover
- External stainless steel hardware
- Suitable for high pressure hose down
- Suitable for indoor or outdoor
- Optional stainless steel end caps available

Fluorescent Emergency Series



- Emergency illumination meets OSHA, Life Safety Code (NFPA 101), and National Electric Code (NFPA 70) requirements
- Switched or non-switched applications
- Provides 1100-1200 lumens of initial light output in emergency mode
- Provides at least 90 minutes of illumination in emergency mode
- Sealed, maintenance-free nickel cadmium batteries with a life expectancy of 7-10 years
- Self Contained unitized construction
- Easily identified as an emergency lighting fixture
- Charging indicator LED pilot light
- Battery cut-off switch is standard
- NSF Certified Food Equipment

With emergency option, red polycarbonate endcaps are furnished.

For fixtures with stainless steel endcaps, emergency labels are installed on each side in the center, clearly visible through the acrylic housing.

FLUORESCENT

FPF 2 Series

Non-Metallic Housing • UL 1598 Wet Locations • CUL • High Pressure Hose Down • Indoor or Outdoor • NSF Certified

Fluorescent Series

(Lamps not included)

	Description	Voltage	Catalog Number
Two Foot Fixture	20 Watt, Preheat, Trigger Start Medium Bi-Pin, T12 430mA Lamps, 24" (export only)	120-277V 50/60 HZ	FPF2430-2-2L-U
	17 Watt, Instant Start Medium Bi-Pin, T8 265mA Lamps, 24"	120-277V 50/60 HZ	FPF2265-2-2L-U
Four Foot Fixture	34 Watt, Rapid Start Medium Bi-Pin, T12 430mA Lamps, 48" (export only)	277V/60 HZ	FPF2430-4-2L-U
	32 Watt, Instant Start Medium Bi-Pin, T8 265mA Lamps, 48"	120-277V 50/60 HZ	FPF2265-4-2L-U
	40 Watt, Instant Start, Slimline T12, Single Pin, 425mA Lamps, 48"	12V DC	FPF2425-4-2L-E
		24V DC	FPF2425-4-2L-F
		32V DC	FPF2425-4-2L-G
	54 Watt, T5HO Miniature Bi-Pin, 48"	120-277V 50/60 HZ	FPF2T5HO-4-2L-U
			FPF2T5HO-4-3L-U
	60 Watt, Rapid Start, High Output T12, Recessed Double Contact 800mA Lamps, 48"	120-277V 50/60 HZ	FPF2800-4-2L-U
Eight Foot Fixture	32 Watt, Instant Start Medium Bi-Pin, T8 265mA Lamps, 48"	120-277V 50/60 HZ	FPF2265-8-4L-U
	54 Watt, T5HO Miniature Bi-Pin 48"	120-277V 50/60 HZ	FPF2T5HO-8-4L-U
			FPF2T5HO-8-6L-U
	59 Watt, Rapid Start Slimline, T8 Single Pin 265mA Lamps, 96"	120-277V 50/60 HZ	FPF2265-8-2L-U
	75 Watt, Instant Start Slimline, T12, Single Pin 425mA Lamps, 96"	12V DC	FPF2425-8-2L-E
		24V DC	FPF2425-8-2L-F
		32V DC	FPF2425-8-2L-G
	110 Watt, Rapid Start, High Output T12, Recessed Double Contact 800mA Lamps, 96"	120-277V 50/60 HZ	FPF2800-8-2L-U

Fixtures are furnished with stainless steel chain mount kit, non-metallic cord grip and 3 ft. long #16 AWG 3 conductor type SOA cable.

FLUORESCENT

FPF 2 Series

Non-Metallic Housing • UL 1598 Wet Locations • CUL • High Pressure Hose Down • Indoor or Outdoor • NSF Certified

Fluorescent Emergency Series

(Lamps not included)

Fixture Type	Circuit Type	Nominal Fixture Length	Description	Voltage	Catalog Number
Emergency Only Operation	Non-Switched①	Two Foot 2 Lamp Fixture	17 Watt, Instant Start, Medium Bi-Pin, T8 265mA Lamps, 24"	120-277V 50/60 HZ	**FPF2265-2-2L-U-EON**
		Four Foot 2 Lamp Fixture	32 Watt, Instant Start, Medium Bi-Pin, T8 265mA Lamps, 48"	120-277V 50/60 HZ	**FPF2265-4-2L-U-EON**
Emergency and Normal Operation	Non-Switched①	Four Foot 2 Lamp Fixture	32 Watt, Instant Start, Medium Bi-Pin, T8 265mA Lamps, 48"	120-277V 50/60 HZ	**FPF2265-4-2L-U-ENN**
			54 Watt, T5HO Miniature Bi-Pin Lamps, 48"	120V 60 HZ	**FPF2T5HO-4-2L-A-ENN**
			54 Watt, T5HO Miniature Bi-Pin Lamps, 48"	277V 60 HZ	**FPF2T5HO-4-2L-C-ENN**
		Four Foot 3 Lamp Fixture	54 Watt, T5HO Miniature Bi-Pin Lamps, 48"	120V 60 HZ	**FPF2T5HO-4-3L-A-ENN**
			54 Watt, T5HO Miniature Bi-Pin Lamps, 48"	277V 60 HZ	**FPF2T5HO-4-3L-C-ENN**
		Eight Foot 2 Lamp Fixture	59 Watt, Rapid Start, Slimline Single Pin, T8 265mA Lamps, 96"	120-277V 50/60 HZ	**FPF2265-8-2L-U-ENN**
		Eight Foot 4 Lamp Fixture	32 Watt, Instant Start, Medium Bi-Pin, T8 265mA Lamps, 48"	120-277V 50/60 HZ	**FPF2265-8-4L-U-ENN**
			54 Watt, T5HO Miniature Bi-Pin Lamps, 48"	120V 60 HZ	**FPF2T5HO-8-4L-C-ENN**
			54 Watt, T5HO Miniature Bi-Pin Lamps, 48"	277V 60 HZ	**FPF2T5HO-8-4L-C-ENN**
	Switched②	Four Foot 2 Lamp Fixture	32 Watt, Instant Start, Medium Bi-Pin, T8 265mA Lamps, 48"	120-277V 50/60 HZ	**FPF2265-4-2L-U-ENS**
			54 Watt, T5HO Miniature Bi-Pin Lamps, 48"	120V 60 HZ	**FPF2T5HO-4-2L-A-ENS**
			54 Watt, T5HO Miniature Bi-Pin Lamps, 48"	277V 60 HZ	**FPF2T5HO-4-2L-C-ENS**
		Four Foot 3 Lamp Fixture	54 Watt, T5HO Miniature Bi-Pin Lamps, 48"	120V 60 HZ	**FPF2T5HO-4-3L-A-ENS**
			54 Watt, T5HO Miniature Bi-Pin Lamps, 48"	277V 60 HZ	**FPF2T5HO-4-3L-C-ENS**
		Eight Foot 2 Lamp Fixture	59 Watt, Rapid Start, Slimline Single Pin, T8 265mA Lamps, 96"	120-277V 50/60 HZ	**FPF2265-8-2L-U-ENS**
		Eight Foot 4 Lamp Fixture	32 Watt, Instant Start, Medium Bi-Pin, T8 265mA Lamps, 48"	120-277V 50/60 HZ	**FPF2265-8-4L-U-ENS**

①Non-Switched fixtures are furnished with stainless steel chain mount kit, non-metallic cord grip and 3 ft. long #16 AWG 3 conductor type SOA cable.

②Switched fixtures are furnished with stainless steel chain mount kit, non-metallic cord grip and 3 ft. long # 16 AWG 4 conductor type SOA cable.

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FPF 2 Series

Non-Metallic Housing • UL 1598 Wet Locations • CUL • High Pressure Hose Down • Indoor or Outdoor • NSF Certified

Coefficients of Utilization

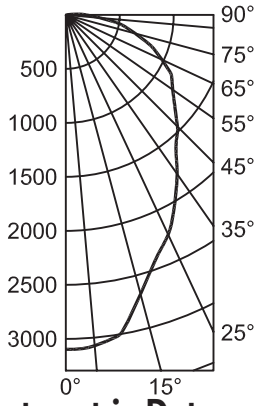
FPF226584L

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.77	.77	.77	.71	.71	.71	.66	.66	.66
1	.66	.63	.61	.62	.60	.58	.57	.56	.54
2	.58	.53	.49	.54	.51	.48	.50	.48	.45
3	.51	.45	.41	.48	.44	.40	.44	.41	.39
4	.45	.39	.35	.43	.38	.34	.40	.36	.33
5	.40	.35	.30	.38	.33	.30	.36	.32	.29
6	.36	.31	.27	.35	.30	.26	.33	.29	.26
7	.33	.28	.24	.32	.27	.23	.30	.26	.23
8	.30	.25	.21	.29	.24	.21	.28	.24	.21
9	.28	.23	.19	.27	.22	.19	.25	.22	.19
10	.26	.21	.17	.25	.20	.17	.24	.20	.17

Candlepower Distribution

Deg.	Parl.	45	90
0	3097	3097	3097
5	3027	2943	3076
15	2954	2813	2677
25	2744	2412	2245
35	2412	2003	1799
45	1881	1539	1464
55	1423	1171	1209
65	794	869	985
75	405	572	666
85	91	271	320
90	48	157	189

Photometric Data



Coefficients of Utilization

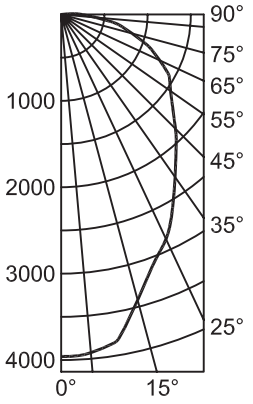
FPF2T5HO43

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.77	.77	.77	.72	.72	.72	.66	.66	.66
1	.67	.64	.61	.62	.60	.58	.57	.56	.55
2	.58	.53	.50	.54	.51	.48	.50	.48	.46
3	.51	.46	.41	.48	.44	.40	.45	.41	.39
4	.45	.40	.35	.43	.38	.34	.40	.36	.33
5	.41	.35	.30	.38	.34	.30	.36	.32	.29
6	.37	.31	.27	.35	.30	.26	.33	.29	.26
7	.33	.28	.24	.32	.27	.23	.30	.26	.23
8	.31	.25	.21	.29	.24	.21	.28	.24	.21
9	.28	.23	.19	.27	.22	.19	.26	.22	.19
10	.26	.21	.17	.25	.20	.17	.24	.20	.17

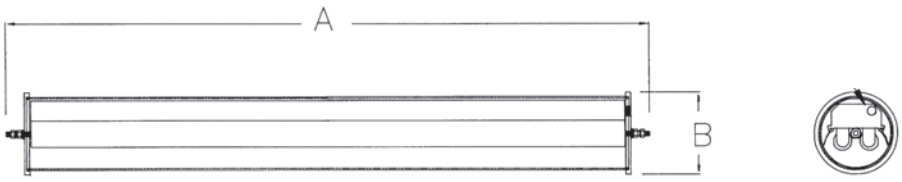
Candlepower Distribution

Deg.	Parl.	45	90
0	3958	3958	3958
5	3866	3760	3930
15	3775	3735	3815
25	3506	3082	2869
35	3082	2559	2298
45	2404	1967	1871
55	1819	1497	1545
65	1015	1110	1259
75	517	730	851
85	116	347	409
90	61	201	241

Photometric Data



Fixture Dimensions (inches)

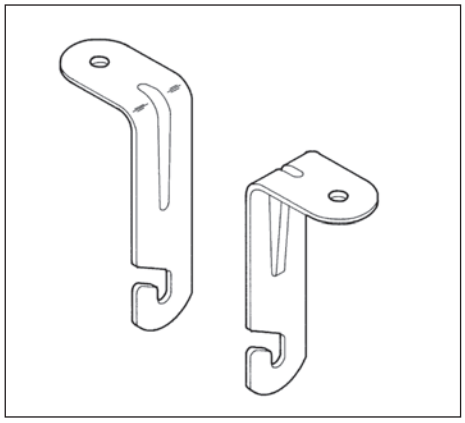


FPF 2 SERIES	Dimensions (Inches) A	Dimensions (Inches) B	Boxed Weight	Shipping Volume (Boxed Fixtures)
2 Foot Models	28.00	6.75	10 lbs.	1.2 cu. ft.
4 Foot Models	52.00	6.75	20 lbs.	2.1 cu. ft.
8 Foot Models	100.00	6.75	30 lbs.	4.0 cu. ft.

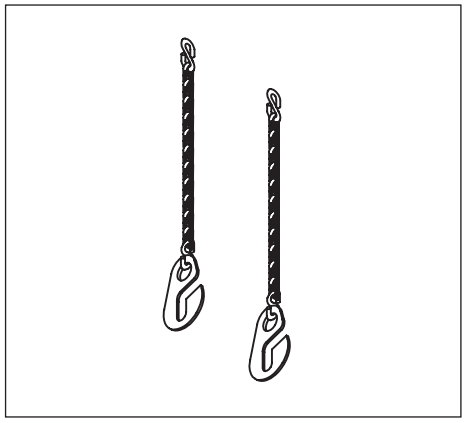
FPF 2 Series

Non-Metallic Housing • UL 1598 Wet Locations • CUL • High Pressure Hose Down • Indoor or Outdoor • NSF Certified

Accessories



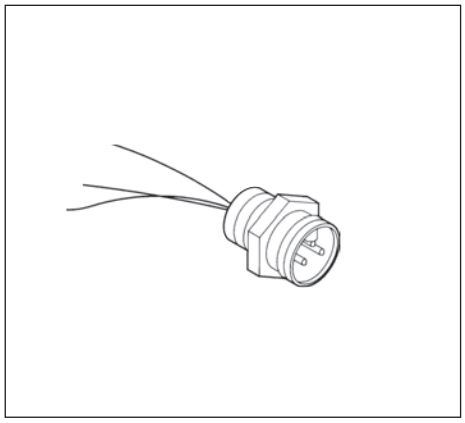
Fixed Mounting Bracket Kit
Stainless Steel - For 3/8 in. Bolts (not provided)
Catalog Number: FPFXDMKT
Shipping Weight: 0.4 lbs.



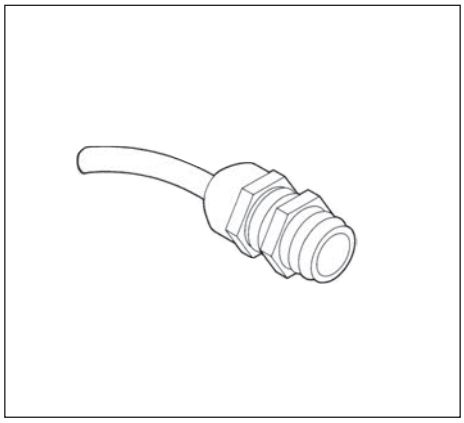
Chain Mounting Kit
Stainless Steel
Catalog Number: FPFCMKT1
Shipping Weight: 0.2 lbs.



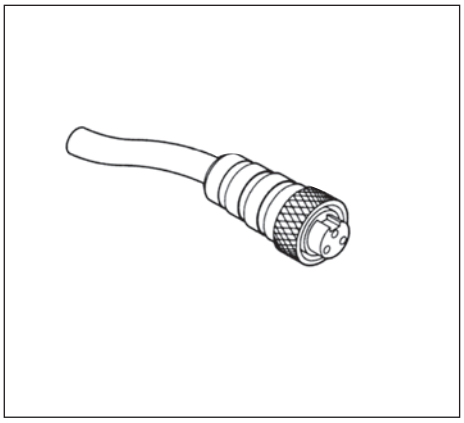
Stainless Steel Band Clamp
Catalog Number: FPFBNDMKT
Shipping Weight: 1.0 lbs.



Mini Receptacle 3P Male
Catalog Number: 64005
Shipping Weight: 0.1 lbs.



Pigtail Assembly- 3 ft. Cable
Other Lengths Available - Consult Factory
Catalog Number: 53108
Shipping Weight: 0.4 lbs.



Mini Plug 3P- 6 ft. Mini Cable
Other Lengths Available - Consult Factory
Catalog Number: 60006
Shipping Weight: 0.6 lbs.



Polycarbonate Endcap Kit
Includes All Gaskets Glued in Place
Catalog Number: 53101
Shipping Weight: 3 lbs.



Stainless Endcap Kit
Includes All Gaskets Glued in Place
Catalog Number: 53101SS
Shipping Weight: 2.5 lbs.

HEF SERIES

Industrial Fluorescent Lighting for Hazardous Locations

HEF

- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- Class I, Division 2, Groups A, B, C, & D
- Class II, Division 1 Groups F & G
- Class III
- CSA Certified
- Zone 2, Groups IIA, IIB, IIC
- Suitable for Wet Locations



UL LISTED

CSA

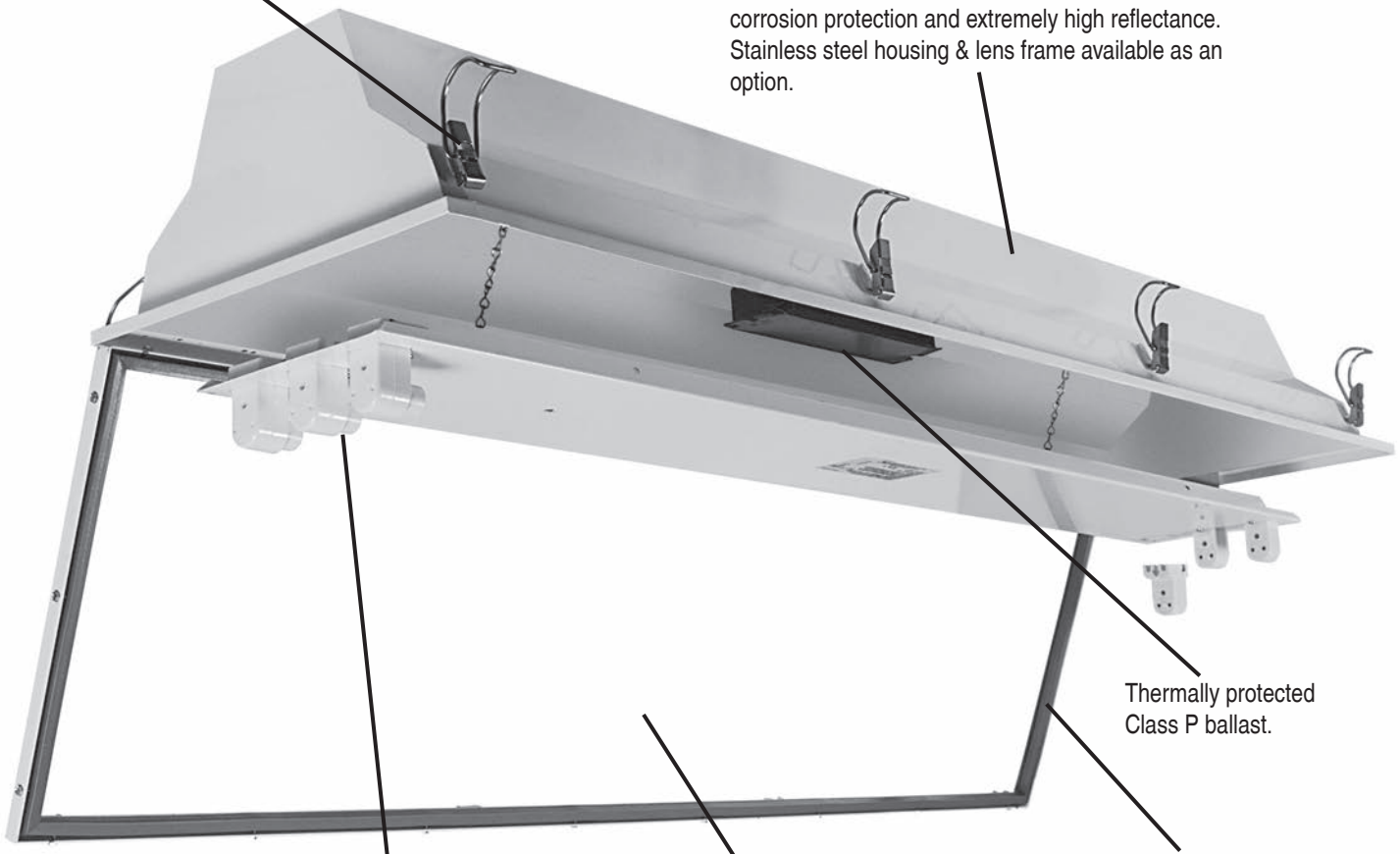
AZZ™

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HEF SERIES

Industrial Fluorescent Lighting for Hazardous Locations

Each HEF Series fixture is individually tested for functional and dielectrical strength at the factory to assure quality and reliability and arrives assembled including reflectors, reducing installation time and cost.



HEF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 844 • CSA Certified • Wet Locations

Catalog Number Logic

HEF 265-2 -TM-U-XX

1 2 3 4 5 6

1 BASIC SERIES
HEF Fluorescent Fixture
Class I, Division 2, Groups A, B, C & D
Class II, Division 1 Groups F & G
Class III
Suitable for Wet Locations
UL 844 Hazardous Locations
CSA Certified
Zone 2, Groups IIA, IIB & IIC

2 LAMP CURRENT/LAMP WATTAGE
800 = 800mA, 60 Watt
430 = 430mA, 34 Watt (export only)
265 = 265mA, 32 Watt (T8 Lamps)
T5HO = 460mA T5HO, 54 Watt (Up to 6 Lamps)
T5 = 28 Watt

3 NUMBER OF LAMPS
2L = 2 Lamps
3L = 3 Lamps
4L = 4 Lamps (T5 or T5HO)
6L = 6 Lamps (T5 or T5HO)

4 TYPE OF LENS
TM = Tempered Glass
AC = Acrylic

5 VOLTAGE/FREQUENCY
H = 347V 60 HZ
48 = 480V 60 HZ
U = 120 thru 277V 50/60 HZ

6 OPTIONS[1]
TW = End Mounting/Thru Wire
PTW = Pendant Mount and End Mount/Thru Wire
SS = Stainless Steel Body
OB = Outbound Wiring/Switching
F = Single Fuse
R = Radio Interference Filter
L = Lamps
HL = Hi Lumen Ballast (T8 only)
EM = Emergency Battery Backup[2]

[1]Consult factory for pricing.
[2]800mA 3 lamp and T5HO 6 lamp not available with emergency option.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

Certification Guide

	OPERATING TEMPERATURE CODE			
HEF SERIES	CLASS I, DIVISON 2 GROUPS A, B, C & D	CLASS II, DIVISION 1 GROUPS F & G	RATED AMBIENT TEMPERATURE	SUPPLY WIRE
HEF 800 2 & 3 LAMPS	T3C (160°C/320°F)	T6 (85°C/185°F)	25°C (77°F)	90°
HEF 430 2 & 3 LAMPS	T6 (85°C/185°F)	T6 (85°C/185°F)	40°C (104°F)	90°
HEF 265 2 & 3 LAMPS	T4A (120°C/248°F)	T6 (85°C/185°F)	40°C (104°F)	90°
HEF T5HO 2, 3, 4 & 6 LAMPS	T3C (160°C/320°F)	T6 (85°C/185°F)	40°C (104°F)	90°

FLUORESCENT

HEF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 844 • CSA Certified • Wet Locations

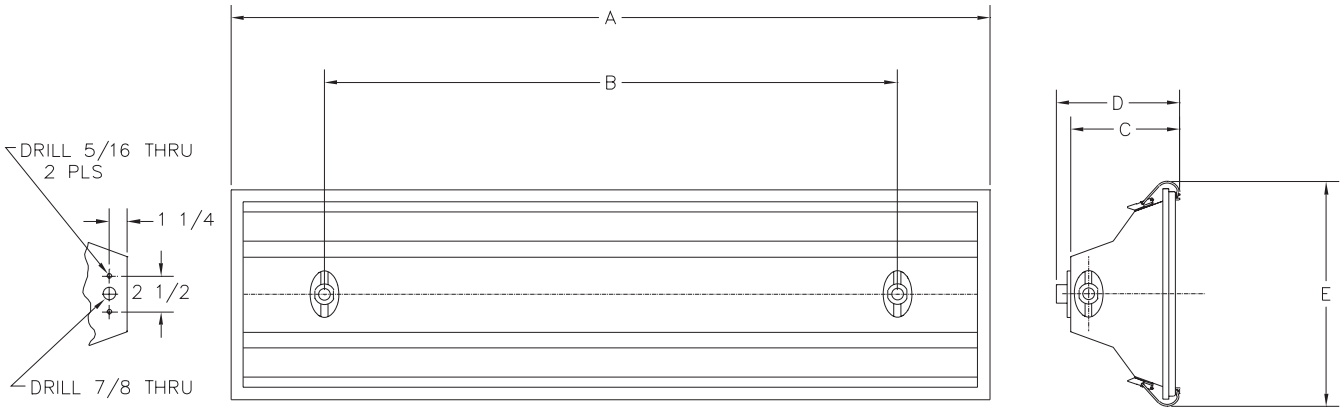


- Class I, Division 2, Groups A, B, C and D
- Class II, Groups F and G;
- Class III
- UL 844 Hazardous Locations
- Suitable for wet locations
- Available in 2 or 3 lamp and 4 or 6 lamp T5HO & T5
- Available in 265, 425, 430 or 800 mA
- Rugged heavy duty one-piece construction
- 20 gauge steel housing, 14 gauge steel door frame
- Stainless steel housing available
- Superior white finish inside and out for excellent reflectivity and long-lasting corrosion protection
- Superior heat and cold resistant silicone gasket
- 3/16 in. clear tempered glass or acrylic lens
- Pendant mount or thru-wire cast 1/2" NPT aluminum hubs
- Various mounting bracket options

	Description	Voltage	Type Lens	Catalog Number[1]
Two Lamp Fixture	32 Watt, Instant Start Medium Bi-Pin T8, 265mA, 48"	120-277V 50/60HZ	Tempered Glass	**HEF265-2L-TM-U**
	34 Watt, Rapid Start Medium Bi-Pin T12, 430mA, 48" (export only)	120-277V 50/60HZ	Tempered Glass	**HEF430-2L-TM-U**
	54 Watt, T5HO Miniature Bi-Pin 2 Lamp 48"	120-277V 50/60HZ	Tempered Glass	**HEFT5H0-2L-TM-U**
	60 Watt, Rapid Start[2] High Output Recessed Double Contact 800mA Lamps, 48"	120-277V 50/60HZ	Tempered Glass	**HEF800-2L-TM-U**
Three Lamp Fixture	32 Watt, Instant Start Medium Bi-Pin T8, 265mA, 48"	120-277V 50/60HZ	Tempered Glass	**HEF265-3L-TM-U**
	34 Watt, Rapid Start[3] Medium Bi-Pin 430mA Lamps, 48" (export only)	120V-277V 50/60HZ	Tempered Glass	**HEF430-3L-TM-U**
	54 Watt,T5HO Miniature Bi-Pin 2 Lamp, 48"	120-277V 50/60HZ	Tempered Glass	**HEFT5HO-3L-TM-U**
	60 Watt, Rapid Start, High[2] Output Recessed Double Contact, 800mA, 48"	120-277V 50/60HZ	Tempered Glass	**HEF800-3L-TM-U**

[1]Part numbers are for pendant mount fixtures. For end mount/thru wire application, see options.
[2]Min starting temp for 60 watt fixtures is -20°F.
[3]Two ballasts available for 3-40 watt lamps for outboard option.

Fixture Dimensions (inches)



HEF SERIES	Dimensions (inches)					Hub Size	Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C	D	E			
2-Lamp, 4 ft. Fixture (32, 34, 60 watt)	53.125	40	7.5	8.5	15.25	1/2	37 lbs.	4.7 cu. ft.
3-Lamp, 4 ft. Fixture (32, 34, 60 watt)	53.125	40	7.5	8.5	15.25	1/2	43 lbs.	4.7 cu. ft.
Up to 6 lamp 4 ft. Fixture (T5HO)	53.125	40	7.5	8.5	15.25	1/2	41 lbs.	4.7 cu. ft.

FLUORESCENT

HEF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 844 • CSA Certified • Wet Locations

Coefficients of Utilization

HEF265-2

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.92	.92	.92	.86	.86	.86	.79	.79	.79
1	.78	.74	.71	.73	.70	.68	.67	.65	.63
2	.67	.61	.56	.62	.58	.54	.57	.54	.51
3	.58	.50	.45	.54	.48	.43	.50	.45	.42
4	.50	.43	.37	.47	.41	.36	.43	.39	.35
5	.44	.36	.31	.41	.35	.30	.38	.33	.29
6	.39	.32	.26	.37	.30	.26	.34	.29	.25
7	.35	.28	.22	.33	.27	.22	.31	.26	.22
8	.32	.24	.20	.30	.24	.19	.28	.23	.19
9	.29	.22	.17	.27	.21	.17	.26	.21	.17
10	.26	.20	.15	.25	.19	.15	.23	.19	.15

HEF265-3

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.84	.84	.84	.78	.78	.78	.72	.72	.72
1	.71	.68	.65	.67	.64	.62	.61	.60	.56
2	.61	.56	.51	.57	.53	.49	.53	.50	.47
3	.53	.46	.41	.49	.44	.40	.46	.42	.39
4	.46	.39	.34	.43	.38	.33	.40	.36	.33
5	.40	.34	.28	.38	.32	.28	.35	.31	.27
6	.36	.29	.24	.34	.28	.24	.32	.27	.23
7	.32	.26	.21	.30	.25	.21	.28	.24	.20
8	.29	.23	.18	.28	.22	.18	.26	.21	.18
9	.26	.20	.16	.25	.20	.16	.24	.19	.16
10	.24	.18	.14	.23	.18	.14	.22	.17	.14

HEF800-2

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.83	.83	.83	.77	.77	.77	.71	.71	.71
1	.73	.71	.68	.69	.67	.65	.64	.62	.61
2	.64	.60	.56	.61	.57	.54	.56	.54	.52
3	.57	.52	.47	.54	.50	.46	.50	.47	.45
4	.50	.45	.40	.48	.43	.39	.45	.41	.38
5	.44	.38	.34	.42	.37	.33	.40	.36	.32
6	.40	.33	.29	.38	.32	.29	.35	.31	.28
7	.35	.29	.25	.34	.29	.25	.32	.28	.24
8	.32	.26	.21	.30	.25	.21	.28	.24	.21
9	.28	.22	.18	.27	.22	.18	.25	.21	.18
10	.26	.20	.16	.24	.19	.16	.23	.19	.16

HEF800-3

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.76	.76	.76	.71	.71	.71	.65	.65	.65
1	.67	.65	.63	.63	.61	.60	.59	.57	.56
2	.60	.56	.52	.56	.53	.50	.52	.50	.48
3	.53	.48	.44	.50	.46	.43	.47	.44	.42
4	.47	.42	.38	.44	.40	.37	.42	.38	.36
5	.41	.36	.32	.39	.35	.31	.37	.33	.30
6	.37	.31	.27	.35	.30	.27	.33	.29	.26
7	.33	.27	.24	.31	.27	.23	.30	.26	.23
8	.29	.24	.20	.28	.23	.20	.27	.23	.20
9	.26	.21	.17	.25	.20	.17	.24	.20	.17
10	.24	.19	.15	.23	.18	.15	.22	.18	.15

Candlepower Distribution

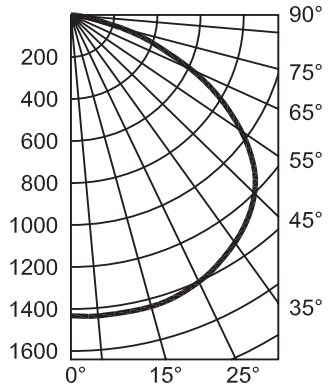
Deg.	Parl.	22.5	45	67.5	Norm
0	1432	1432	1432	1432	1432
5	1436	1437	1435	1436	1436
15	1402	1408	1417	1428	1437
25	1323	1338	1356	1386	1402
35	1199	1223	1257	1297	1323
45	1039	1071	1119	1172	1202
55	823	868	910	955	962
65	556	588	609	623	613
75	263	277	281	271	245
85	34	35	35	32	32
90	0	0	0	0	0

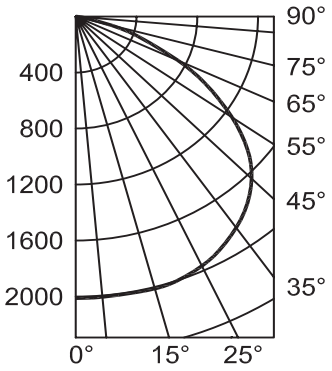
Deg.	Parl.	22.5	45	67.5	Norm
0	2011	2011	2011	2011	2011
5	2019	2013	2013	2012	2010
15	1964	1968	1991	2008	2012
25	1839	1864	1920	1955	1965
35	1653	1706	1768	1831	1841
45	1408	1491	1578	1632	1637
55	1099	1201	1286	1275	1256
65	714	812	822	766	741
75	309	363	325	266	248
85	26	32	27	26	26
90	0	0	0	0	0

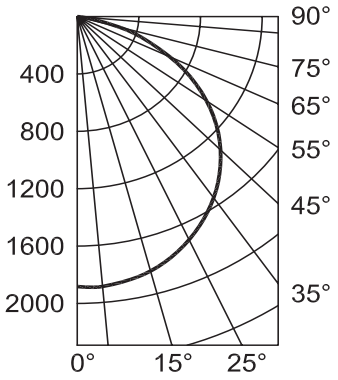
Deg.	Parl.	22.5	45	67.5	Norm
0	1882	1882	1882	1882	1882
5	1889	1885	1883	1883	1883
15	1837	1842	1861	1878	1882
25	1717	1743	1795	1834	1844
35	1543	1595	1674	1731	1747
45	1315	1399	1494	1587	1600
55	1025	1131	1259	1267	1249
65	663	787	829	812	797
75	285	368	369	314	283
85	23	33	30	30	30
90	0	0	0	0	0

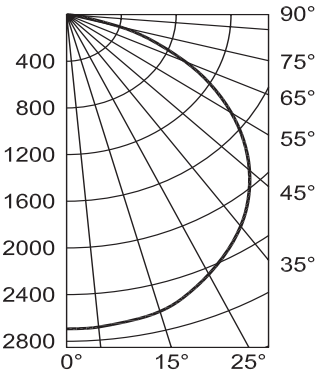
Deg.	Parl.	22.5	45	67.5	Norm
0	2693	2693	2693	2693	2693
5	2688	2681	2677	2674	2674
15	2634	2630	2659	2685	2693
25	2456	2493	2564	2612	2627
35	2215	2282	2383	2447	2462
45	1887	1989	2098	2181	2181
55	1468	1605	1701	1663	1628
65	958	1101	1062	989	943
75	399	477	403	333	313
85	31	35	31	31	31
90	0	0	0	0	0

Photometric Data

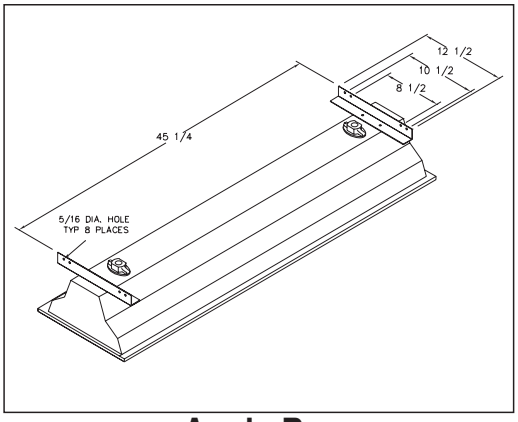




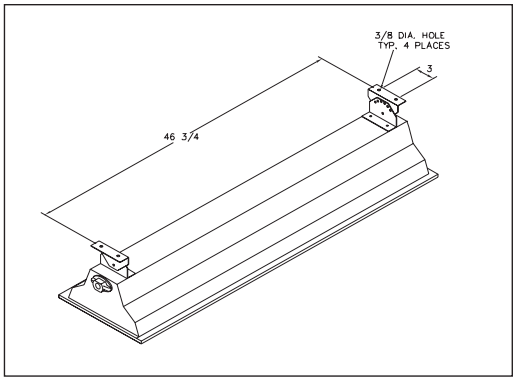




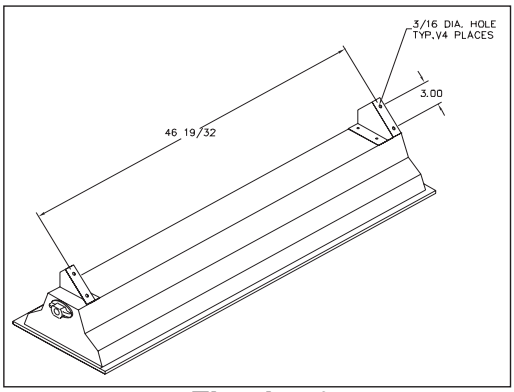
Accessories



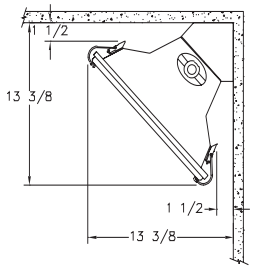
Angle Bar
Chain Mounting Kit
53045- Plated Steel
53045SS- Stainless
Shipping Weight: 1.5 lbs.
Chain Not Included

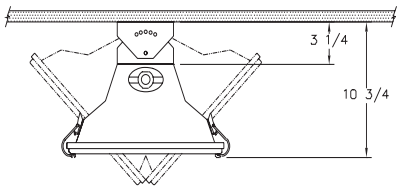


Adjustable
Wall/Ceiling Mounting Kit
53044- Plated Steel
53044SS- Stainless
Shipping Weight: 1.41 lbs.



Fixed 45°
Wall/Ceiling Mounting Kit
53043 Plated Steel
53043SS- Stainless
Shipping Weight: 1.61 lbs.





NOTE:
When wall/ceiling bracket is adjusted to the 45° position, all dimensions are same as shown for fixed 45° bracket.

RFL/MFL SERIES

Hazardous Location High Pressure Hose Down Recessed Fluorescent

- Class I, Division 2, Groups A, B, C & D
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- UL 1598A Marine Inside Drip Proof
- CUL
- High Pressure Hose Down
- Grid or Ceiling Mount



c UL us LISTED

MARINE UL LISTED

AZZ™

RFL/MFL SERIES

Hazardous Location High Pressure Hose Down Recessed Fluorescent

Each RFL & MFL Series fixture is individually tested for functional and dielectrical strength at the factory to ensure quality and reliability.



FLUORESCENT

RFL/MFL Series

Hazardous Locations • Class I, Division 2 • UL 1598A Inside Drip Proof • High Pressure Hose Down • UL 844 • UL 924 • CUL

Catalog Number Logic

RFL 265-24- 4 -G-U-XX

1 2 3 4 5 6 7

1 BASIC SERIES
RFL Fluorescent Fixture
(i) RFL Hazardous Locations and Marine Listings Class I, Division 2, Groups A,B,C D
(ii) MFL Marine Listing Only

2 LAMP CURRENT/LAMP WATTAGE
265 = 265mA, 17 or 32 Watt Medium Bi-Pin T8 Lamps
430 = 430mA, 20 or 34 Watt Medium Bi-Pin T12 Lamps (export only)
T5HO = T5HO, 54 Watt Lamp (1 x 4 and 2 x 4 only)

3 NOMINAL FIXTURE LENGTH
14 = 1 ft. x 4 ft.
22 = 2 ft. x 2 ft.
24 = 2 ft. x 4 ft.

4 NUMBER OF LAMPS
2 = 2 Lamps
3 = 3 Lamps
4 = 4 Lamps
6 = 6 Lamps (T8 or T5HO only)

5 MOUNTING
G = Grid/Ceiling
(For drywall flange mount, see accessory page- drywall adapter)

6 VOLTAGE/FREQUENCY
H = 347V 60HZ
U = 120 thru 227V 50/60 HZ
N = 347/480V 60 HZ

7 OPTIONS[2]
EM = Emergency Battery Backup
F = Individually Fused Ballast[1]
R = Radio Interference Filter
HL = Hi-Lumen Ballast (T8 Only)
SS = Stainless Steel Lens Frame

[1]Fuse option not available for marine listed fixtures.
[2]Consult factory for pricing.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

FLUORESCENT

RFL/MFL Series

Hazardous Locations • Class I, Division 2 • UL 1598A Inside Drip Proof • High Pressure Hose Down • UL 844 • UL 924 • CUL



- Class I, Division 2, Groups A, B, C and D
- UL 844 Hazardous Locations
- UL 924 Wet Locations
- UL 1598A Marine Inside Drip Proof
- CUL
- Suitable for grid (lay-in) and surface mount applications
- Recessed type non-IC fluorescent luminaire
- High pressure hose down
- Welded aluminum construction
- Baked-on powder polyester finish
- High impact heavy duty prismatic acrylic lens
- Smooth cleanable surface
- Gasketed, removable access cover
- Bolt-on gasketed cast aluminum hubs
- Available in 2 ft. x 4 ft., 1 ft. x 4 ft., & 2 ft. x 2 ft.

(Lamps not included)

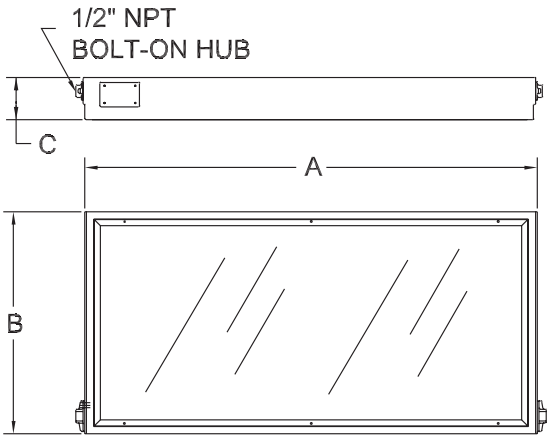
Fixture Size	No. of Lamps	Description	Voltage	Catalog Number
1 x 4	2	32 Watt, F32 T8 Medium Bi-Pin	120-277V 50/60HZ	**RFL265-14-2-G-U**
		34 Watt, F40T12 Medium Bi-Pin (export only)	120-277V 50/60 HZ	**RFL430-14-2-G-U**
		54 Watt T5HO Medium Bi Pin	120-277 50/60 HZ	**RFLT5HO-14-2-G-U**
2 x 4	3	32 Watt, F32 T8 Medium Bi-Pin	120-277V 50/60 HZ	**RFL265-24-3-G-U**
		34 Watt, F40T12 Medium Bi-Pin (export only)	120-277V 50/60 HZ	**RFL430-24-3-G-U**
		54 Watt T5HO Medium Bi Pin	120-277 50/60 HZ	**RFLT5HO-24-3-G-U**
	4	32 Watt, F32 T8 Medium Bi-Pin	120-277V 50/60 HZ	**RFL265-24-4-G-U**
		34 Watt, F40T12 Medium Bi-Pin (export only)	120-277V 50/60 HZ	**RFL430-24-4-G-U**
		54 Watt T5HO Medium Bi Pin	120-277V 50/60 HZ	**RFLT5HO-24-4-G-U**
2 x 2	3	17 Watt, F17 T8 Medium Bi-Pin	120-277V 50/60 HZ	**RFL265-22-3-G-U**
		20 Watt, F20T12 Medium Bi-Pin (export only)	120-277V 50/60 HZ	**RFL430-22-3-G-U**
		24 Watt T5HO Medium Bi Pin	120-277V 50/60 HZ	**RFLT5HO-22-3-G-U**
	4	17 Watt, F17 T8 Medium Bi-Pin	120-277V 50/60 HZ	**RFL265-22-4-G-U**
		20 Watt, F20T12 Medium Bi-Pin (export only)	120-277V 50/60 HZ	**RFL430-22-4-G-U**
		24 Watt T5HO Medium Bi Pin	120-277V 50/60 HZ	**RFLT5HO-22-4-G-U**

FLUORESCENT

RFL/MFL Series

Hazardous Locations • Class I, Division 2 • UL 1598A Inside Drip Proof • High Pressure Hose Down • UL 844 • UL 924 • CUL

Fixture Dimensions (inches)



RFL SERIES	Dimensions (Inches)			Boxed Weight lbs.	Shipping Volume (Boxed Fixture)
	A	B	C		
1 x 4 Model	48.12	11.75	4.50	11 lbs.	2.10 cu. ft.
2 x 4 Model	48.12	23.75	4.50	22 lbs.	4.10 cu. ft.
2 x 2 Model	24.12	23.75	4.50	12 lbs.	2.23 cu. ft.

Candlepower Distribution

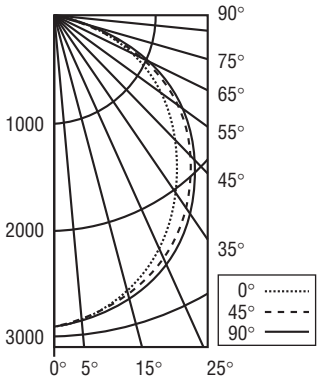
RFL265-24-4L

Deg.	Parl.	22.5	45.0	67.5	Norm	Zonal Flux
0	1052	1052	1052	1052	1052	
5	1052	1050	1050	1046	1048	100
15	1052	1022	1036	1048	1056	293
25	940	964	1000	1043	1061	463
35	834	877	953	1025	1051	595
45	690	759	871	971	1003	667
55	511	608	750	864	896	654
65	304	423	587	718	751	559
75	135	258	445	575	607	436
85	37	141	302	415	440	302
90	15	98	251	351	387	
95	15	75	221	318	359	218
105	10	39	153	239	281	151
115	4	15	67	129	165	73
125	0	2	19	36	55	20
135	0	0	7	13	15	6
145	0	0	2	5	8	2
155	0	0	0	0	1	0
165	0	0	0	0	0	0

Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio Rcr	20% Effective Floor Cavity Reflectance								
0	80	80	80	74	74	74	68	68	68
1	70	67	64	65	63	61	60	59	57
2	61	56	52	57	53	50	53	50	48
3	53	48	43	50	46	42	47	43	41
4	47	41	37	45	40	36	42	38	35
5	42	36	32	40	35	31	37	34	30
6	38	32	28	36	31	27	34	30	27
7	34	29	24	33	28	24	31	27	24
8	31	26	22	30	25	22	28	24	21
9	29	23	20	28	23	19	26	22	19
10	27	21	18	26	21	18	24	20	17

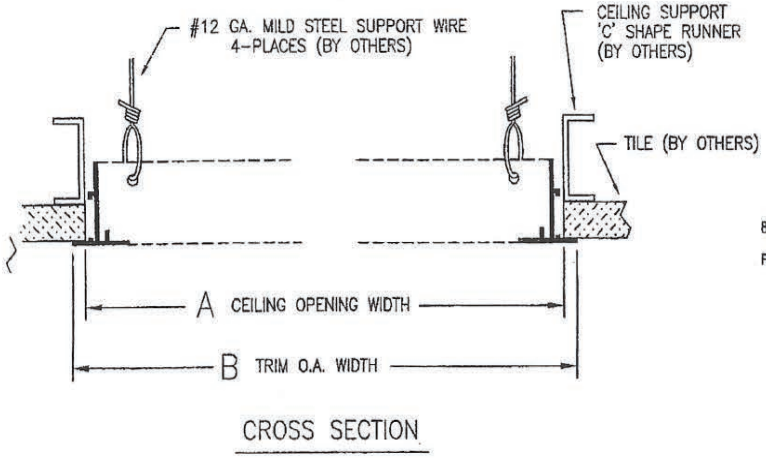
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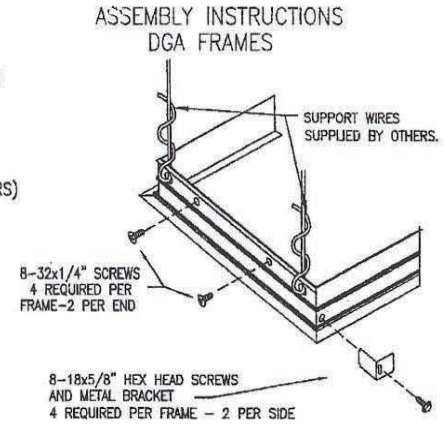


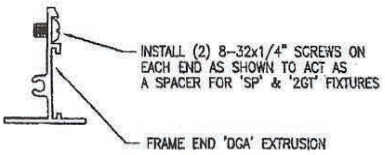
Certification Guide

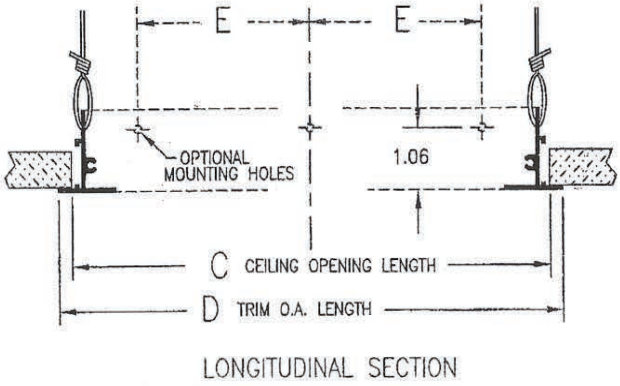
Model	Ambient Temperature °C	Class I, Division 2 Groups A, B, C & D	Supply Wire Suitable Temp °C
RFL265	40	T4A	90
RFL425	40	T4A	90
RFL430	40	T4A	90
RFLT5	40	T3C	90
RFLT5HO	40	T3C	90
RFL265	55	T4A	90
RFLT5	55	T3A	90
RFLT5HO	55	T3A	90

Accessories









TOLERANCE ON CEILING OPENING = + 1/8" - 0"

NOMENCLATURE	FIXTURE SIZE NOMINAL	WIDTH		LENGTH		
		A	B	C	D	E
DGA12	1 X 2	12-3/4"	13-3/8"	24-3/4"	25-3/8"	9"
DGA14	1 X 4	12-3/4"	13-3/8"	48-3/4"	49-3/8"	21"
DGA22	2 X 2	24-3/4"	25-3/8"	24-3/4"	25-3/8"	9"
DGA44	4 X 4	48-3/4"	49-3/8"	48-3/4"	49-3/8"	21"
DGA64	6" X 4	6-3/4"	7-3/8"	48-3/4"	49-3/8"	21"
DGA204	20" X 4	20-3/4"	21-3/8"	48-3/4"	49-3/8"	21"
DGA13	1 X 3	12-3/4"	13-3/8"	36-3/4"	37-3/8"	15"

Drywall Grid Adapter

Catalog Number: DGA24 (2 X 4)
Contact factory for other options
Shipping Weight: 5 lbs.

WFH SERIES

Fluorescent High-Bay Lighting for Hazardous Locations

WFH

- Class I, Division 2, Groups A, B, C, & D
- Class II, Division 2, Groups F & G
- Class III
- UL Listed for Wet & Hazardous Locations
- CUL Listed for Wet Locations
- NEMA 4X
- NSF Certified Food Equipment
- High Pressure Hose Down
- One Piece Welded Aluminum Construction



c UL us LISTED

UL LISTED

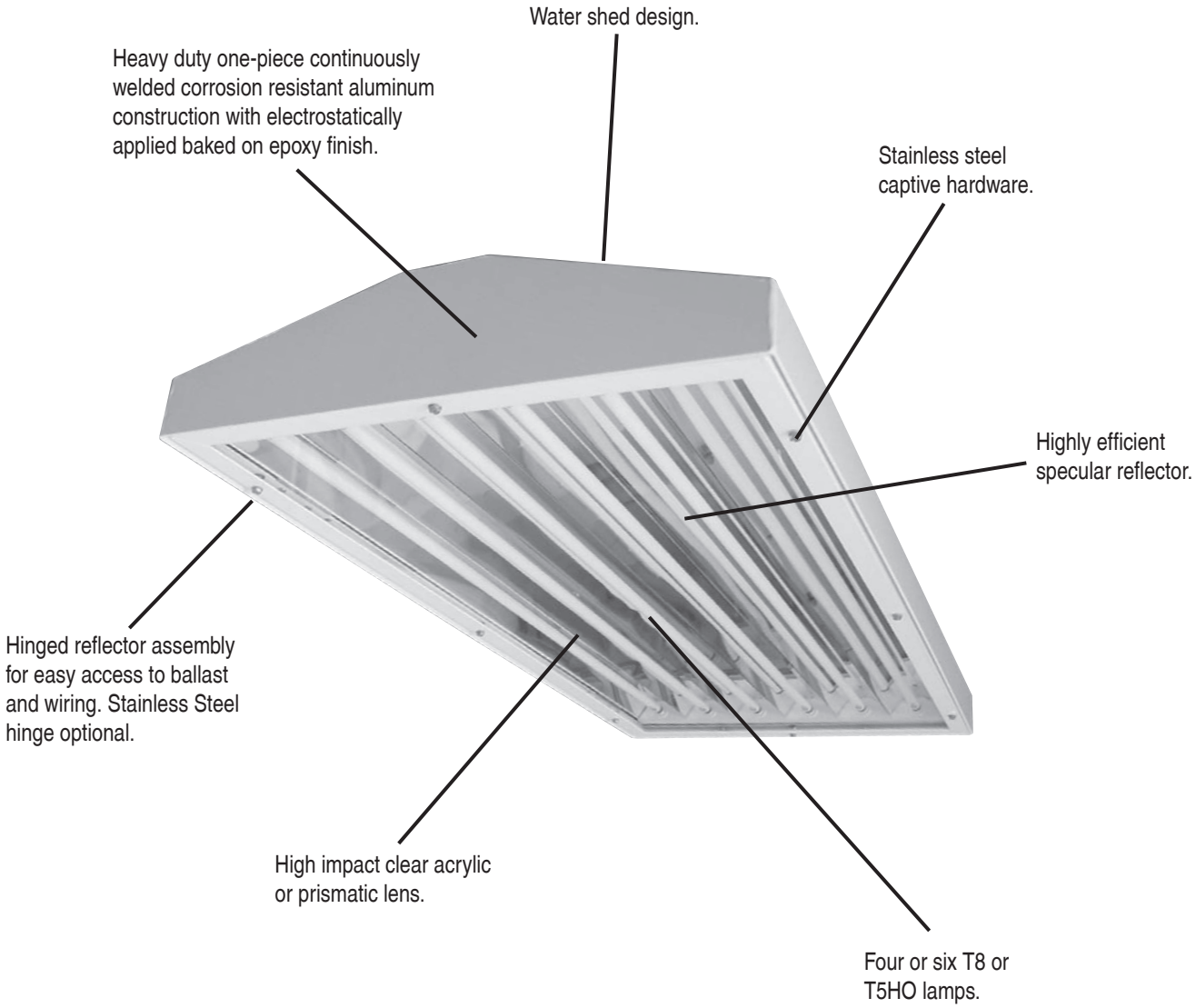
NSF

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WFH SERIES

Industrial Fluorescent High-Bay Lighting for Hazardous Locations



WFH Series

Class I, Division 2 • Class II, Division 2 • Class III • Wash Down Rated • UL/CUL • NSF Certified • NEMA 4X

Catalog Number Logic

WFH 265 - 24 - 4L - CA - U - DH - XX

1 2 3 4 5 6 7 8

1 BASIC SERIES
WFH Fluorescent Fixture
Class I, Division 2, Groups A, B, C, & D
Class II, Division 2, Groups F & G
Class III
UL Listed for Wet & Hazardous Locations
CUL Listed for Wet Locations
NEMA 4X
NSF Certified Food Equipment
Wash Down Rated

2 LAMP CURRENT/LAMP WATTAGE
265 = 265mA, 59, 32 Watt (T8 Lamps)
T5HO = 54 Watt Four Foot Lamp

3 NOMINAL FIXTURE LENGTH
24 = 2 x 4 Foot

4 NUMBER OF LAMPS
4 = 4 Lamps
6 = 6 Lamps

5 LENS TYPE
CA = Clear Acrylic
PA = Prismatic Acrylic
CP = Clear Polycarbonate
(Wet & Hose Down Locations Only)

6 VOLTAGE/FREQUENCY
H = 347V 60 HZ
N = 347 thru 480V 50/60 HZ
U = 120 thru 277V 50/60 HZ
48 = 480V 60 HZ

7 MOUNTING
DH = Dual Hub 1/2 in. NPT
SH = Single Hub 3/4 in. NPT

8 OPTIONS[1]
HL = Hi Lumen Ballast (T8 Only)
DIM = Dimming Ballast
EM = Emergency Battery Backup
EM NON = Non-Hazardous Emergency Battery Backup
F = Single Fuse
DF = Double Fuse
L = Lamps
LC = Coated Lamps
SP = 95% Specular Reflector
WO = White Optic Reflector

HNG = Hinged Lens Frame
Z = Cold Storage (-30°C/-22°F Min. Starting Temp.)

[1] Consult factory for pricing.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

FLUORESCENT

WFH Series

Class I, Division 2 • Class II, Division 2 • Class III • Wash Down Rated • UL/CUL • NSF Certified • NEMA 4X



- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class III
- UL 1598 Wet Locations
- CUL Listed- Wet Location Only; UL Listed Hazardous & Wet Locations
- NSF Certified Food Equipment
- One-piece continuously welded aluminum construction
- Rated for -20° F minimum starting temperature
- 55° C (131° F) maximum ambient temperature
- Suitable for high pressure hose down
- Single or dual hub mounting
- Bolt-on and gasketed cast aluminum hubs
- Water tight, ideal for food processing

(Lamps not included)

	Description	Voltage	Catalog Number
Four Lamp Fixture	54 Watt T5HO Miniature Bi-Pin Lamps, 48"	120-277V 50/60 HZ	**WFHT5HO-24-4-CA-U**
		347-480V 50/60 HZ	**WFHT5HO-24-4-CA-N**
		347V 60 HZ	**WFHT5HO-24-4-CA-H**
		480V 60 HZ	**WFHT5HO-24-4-CA-48**
	32 Watt, Instant Start Medium Bi-Pin, T-8 265mA Lamps, 48"	120-277V 50/60 HZ	**WFH265-24-4-CA-U**
		347-480V 50/60 HZ	**WFH265-24-4-CA-N**
		347V 60 HZ	**WFH265-24-4-CA-H**
		480V 60 HZ	**WFH265-24-4-CA-48**
Six Lamp Fixture	54 Watt T5HO Miniature Bi-Pin Lamps, 48”	120-277V 50/60 HZ	**WFHT5HO-24-6-CA-U**
		347-480V 50/60 HZ	**WFHT5HO-24-6-CA-N**
		347V 60 HZ	**WFHT5HO-24-6-CA-H**
		480V 60 HZ	**WFHT5HO-24-6-CA-48**
	32 Watt, Instant Start Medium Bi-Pin, T-8 265mA Lamps, 48"	120-277V 50/60 HZ	**WFH265-24-6-CA-U**
		347-480V 50/60 HZ	**WFH265-24-6-CA-N**
		347V 60 HZ	**WFH265-24-6-CA-H**
		480V 60 HZ	**WFH265-24-6-CA-48**

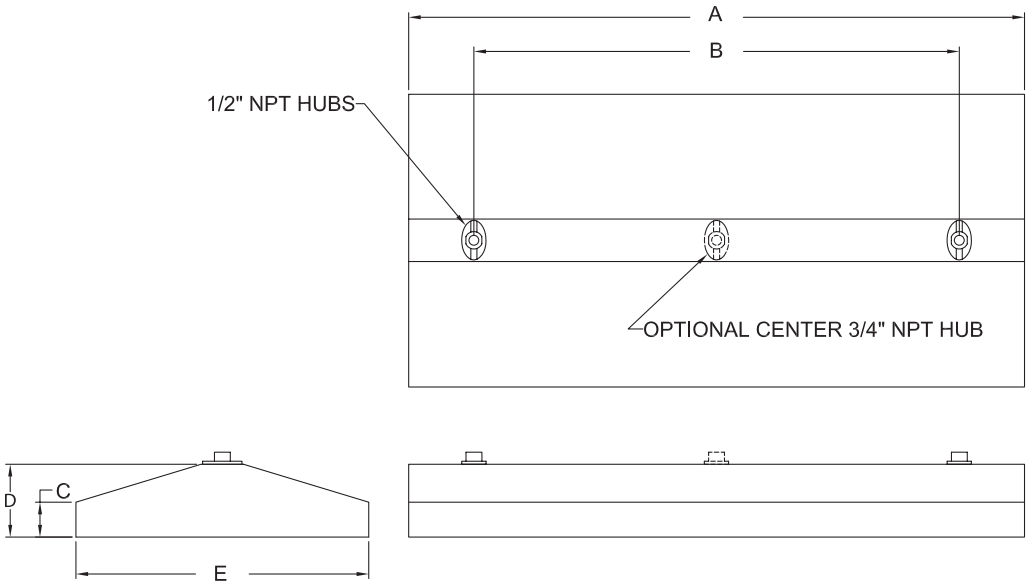
WFH Series

Class I, Division 2 • Class II, Division 2 • Class III • Wash Down Rated • UL/CUL • NSF Certified • NEMA 4X

Certification Guide

OPERATING TEMPERATURE CODE			
WFH SERIES	CLASS I, DIVISON 2 GROUPS A, B, C & D	CLASS II, DIVISION 2, GROUPS F & G GROUP III	RATED AMBIENT TEMPERATURE
WFH 265 4 & 6 LAMPS	T5 (100°C/212°F)	T3C (160°C/320°F)	55°C (131°F)
WFH T5HO 4 & 6 LAMPS	T5 (100°C/212°F)	T3C (160°C/320°F)	55°C (131°F)

Fixture Dimensions (inches)



WFH SERIES	Dimensions (inches)					Hub Size	Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C	D	E			
Up to 6 lamp	50.75	40.0	2.88	6.0	24.13	1/2	39 lbs.	4.7 cu. ft.

FLUORESCENT

WFH Series

Class I, Division 2 • Class II, Division 2 • Class III • Wash Down Rated • UL/CUL • NSF Certified • NEMA 4X

Coefficients of Utilization

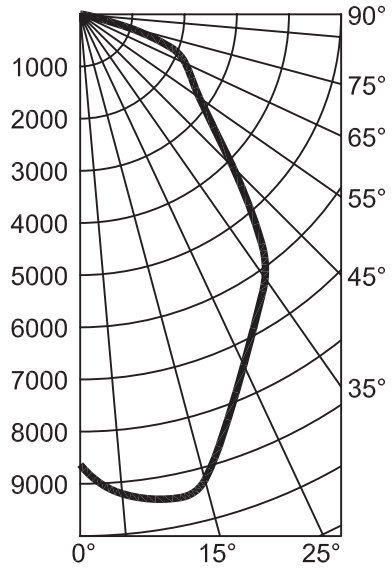
WFHT5HO-24-6-U

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.96	.96	.96	.90	.90	.90	.82	.82	.82
1	.85	.82	.80	.80	.78	.76	.74	.73	.71
2	.75	.70	.66	.71	.67	.64	.66	.63	.61
3	.67	.61	.56	.63	.59	.55	.59	.56	.53
4	.60	.53	.48	.57	.51	.47	.53	.49	.46
5	.54	.47	.42	.51	.46	.41	.48	.44	.40
6	.49	.42	.37	.47	.41	.37	.44	.40	.36
7	.44	.38	.33	.43	.37	.33	.40	.36	.32
8	.41	.34	.30	.39	.33	.29	.37	.33	.29
9	.38	.31	.27	.36	.31	.27	.34	.30	.26

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	8631	8631	8631	8631	8631
5	8614	8796	9019	9152	9225
15	8298	8988	9434	9307	9238
25	7680	8730	8387	7694	7419
35	6767	7574	6469	6280	6177
45	5539	5906	5144	4314	4139
55	4091	3967	3106	2924	2787
65	2505	2234	1853	2155	2224
75	961	817	1002	896	858
85	48	75	51	48	34
90	0	0	0	0	0

Photometric Data



Note:
All data provided for six 54W lamps. Lamps rated for 4450 lumens per lamp.

Accessories



Eye Bolt Mounting Kit
Catalog Number: 53116
Shipping Weight: 3.0 lbs.
Cable or Chain Not Included
Required with Single Hub Mounting Option



Fixture Hanger
3/4 in. Male Thread
Catalog Number: HCK75
Shipping Weight: 1.7 lbs.



Y Fit Cable with 2 ft. Legs
Stainless Steel
12 ft. Catalog Number: GRYSS122
22 ft. Catalog Number: GRYSS222
Shipping Weight: 4 lbs.

NMF 2 SERIES

Non-Metallic Enclosed and Gasketed Fluorescent Lighting for Wet and Damp Locations

NMF 2

- NEMA 4X
- UL 1598 Wet & Damp Locations
- CUL
- IP65
- NSF Enclosure



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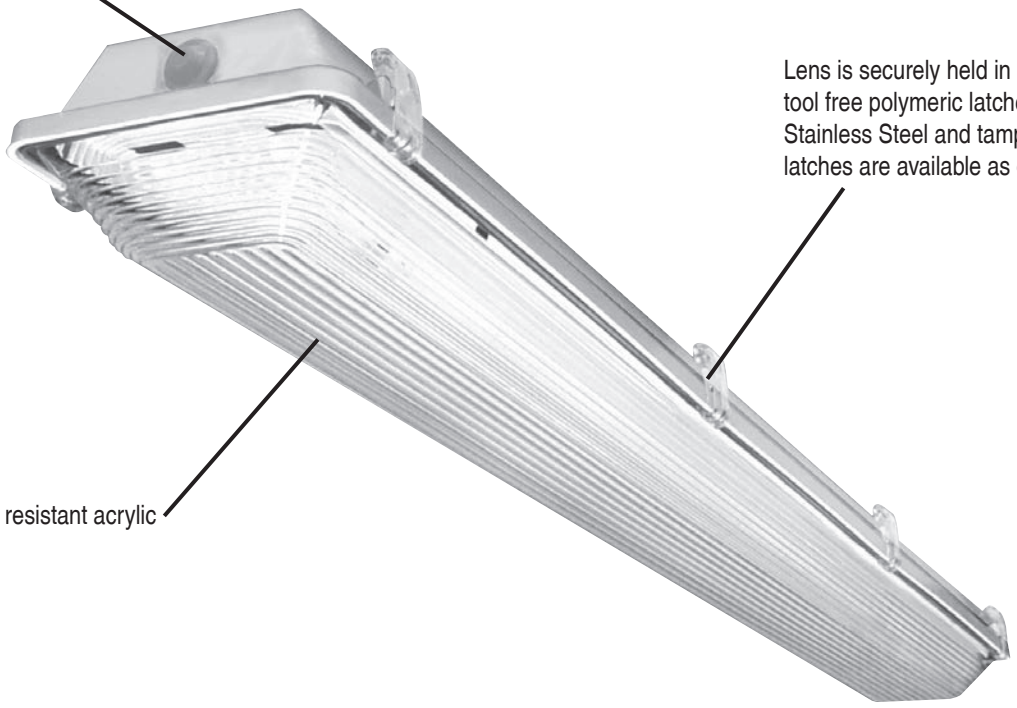
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NMF2 SERIES

Non-Metallic Enclosed and Gasketed Fluorescent Lighting

Single piece fiberglass reinforced housing with 1/2 in. conduit ports on each end.



Lens is securely held in place by tool free polymeric latches. Stainless Steel and tamper proof latches are available as options

Flexible, impact resistant acrylic lens.

- UL 1598 Listed for Wet and Damp Locations
- Fixtures are dust, moisture and corrosion resistant and can be used in many non-hazardous applications
- Housing is UL 5VA non-flammable listed and UL 746C listed for outdoor use
- Can be installed with occupancy sensors or switching devices

FLUORESCENT

NMF2 Series

Non-Metallic • NEMA 4X • UL 1598 Wet and Damp Locations • Dust Tight • IP65 • CUL • NSF Enclosure

Catalog Number Logic

NMF2 265-4-2-U-D-XX

1 2 3 4 5 6 7

1 BASIC SERIES
NMF2 Non-Metallic Fluorescent Fixture
UL 1598 Wet and Damp Locations
NEMA 4X
NSF Enclosure
IP66
CUL

2 LAMP CURRENT/ LAMP WATTAGE
430 = 430mA, 34 Watt (export only)
425 = 425mA, 40/75 Watt (Slimline)
265 = 265mA, 32 Watt (T8 Lamp)
T5H0 = 54 Watt

3 NOMINAL FIXTURE LENGTH
4 = 4 Foot
8 = 8 Foot

4 NUMBER OF LAMPS
1 = 1 Lamp
2 = 2 Lamp
3 = 3 Lamp
4 = 4 Lamp (8 ft. T8 and T5HO Only)
6 = 6 Lamp (8 ft. T8 and T5HO Only)

5 VOLTAGE/FREQUENCY
U = 120 thru 277V 50/60HZ
Consult factory for 347V

6 FIXTURE TYPE
D = UL Listed for Damp Locations
W = UL Listed for Wet Locations
(Wet Location Label Valid Only When Fixture is Mounted Horizontally with Fixture Facing Downward)

7 OPTIONS[1]
P = Prismatic Polycarbonate Lens [2]
EM = Emergency Battery Backup
(265mA Only - T5H0 4 Lamp Only)
F = Inline Fuse
L = Lamps
LC = Coated Lamps
TW = Thru Wire Fittings
Cable Installations Only
HL = Hi-Lumen Ballast (T8 Only)
TP = Tamper Proof Screw Kit Poly
TPSS = Tamper Proof Screw Kit Stainless
SP = Specular Reflector (85%)[3]
SSL = Stainless Steel Latches

[1]Consult factory for pricing.
[2]Polycarbonate lens not available for 8 foot fixtures.
[3]2L Only.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

FLUORESCENT

NMF 2 Series

Non-Metallic • UL 1598 Wet and Damp Locations • Dust Tight • IP65 • CUL • NSF Enclosure



- UL 1598 Wet and Damp Locations
- IP65
- Non-corrosive non-metallic housing
- Available in 4 ft. and 8 ft.
- Available in multiple voltages
- AC and DC options
- Captive stainless steel latches available
- Energy saving ballast standard in 32 watt (265mA Only)
- NEMA 4X
- NSF Enclosure
- Stainless mounting brackets standard
- Hi-lumen ballast available (265mA Only)

(Lamps not included)

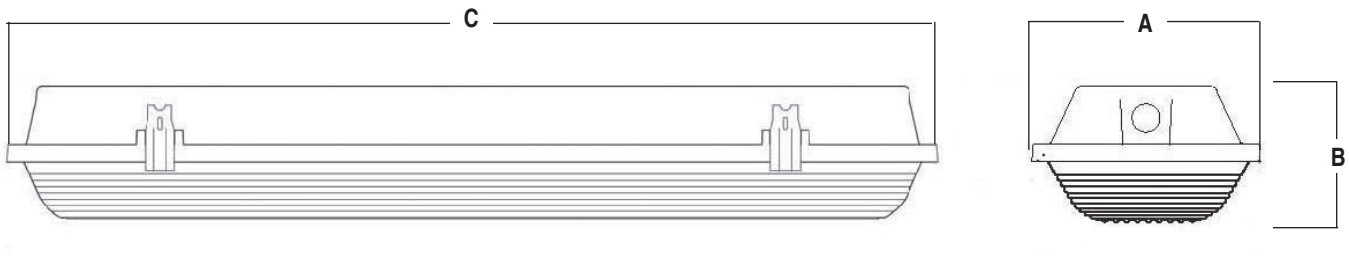
		Description	Voltage	Catalog Number
Four Foot Fixture	Damp Location Universal Volt Ballast	32 Watt, Instant Start Medium Bi-Pin 265mA, T8 Lamps, 48"	120-277V 50/60 HZ	**NMF2265-4-2-U-D**
				NMF2265-4-3-U-D
	Damp Location Universal Volt Ballast	54 Watt, Program Start High Output, Mini Bi-Pin T5HO Lamps, 48"	120-277V 50/60 HZ	**NMF2T5HO-4-2-U-D**
				NMF2T5HO-4-3-U-D
	Wet Damp Location Universal Volt Ballast	32 Watt, Instant Start Medium Bi-Pin 265mA, T8 Lamps, 48"	120-277V 50/60 HZ	**NMF2265-4-2-U-W**
				NMF2265-4-3-U-W
	Wet Location Universal Volt Ballast	54 Watt, Program Start High Output, Mini Bi-Pin T5HO Lamps, 48"	120-277V 50/60 HZ	**NMF2T5HO-4-2-U-W**
				NMF2T5HO-4-3-U-W
Eight Foot Fixture	Damp Location Universal Volt Ballast	32 Watt, Instant Start Medium Bi-Pin 265mA, T8 Lamps, 48"	120-277V 50/60 HZ	**NMF2265-8-4-U-D**
				NMF2265-8-6-U-D
	Damp Location Universal Volt Ballast	54 Watt, Program Start High Output, Mini Bi-Pin T5HO Lamps, 48"	120-277V 50/60 HZ	**NMF2T5HO-8-4-U-D**
				NMF2T5HO-8-6-U-D
	Wet Location Universal Volt Ballast	32 Watt, Instant Start Medium Bi-Pin 265mA, T8 Lamps, 48"	120-277V 50/60 HZ	**NMF2265-8-4-U-W**
				NMF2265-8-6-U-W
	Wet Location Universal Volt Ballast	54 Watt, Program Start High Output, Mini Bi-Pin T5HO Lamps, 48"	120-277V 50/60 HZ	**NMF2T5HO-8-4-U-W**
				NMF2T5HO-8-6-U-W

FLUORESCENT

NMF 2 Series

Non-Metallic • UL 1598 Wet and Damp Locations • Dust Tight • IP65 • CUL • NSF Enclosure

Fixture Dimensions (inches)



NMF 2 SERIES	Dimensions (inches) A	B	C	Boxed Weight	Shipping Volume (Boxed Fixtures)
4 foot, 1 Lamp	4.02	4.38	51.65	12 lbs	2.53 cu. ft.
4 foot, 2 & 3 Lamp	6.77	4.38	51.65	12.5 lbs.	2.53 cu. ft.
8 foot, 2 Lamp (tandem)	4.02	4.38	102.06	23 lbs.	4.60 cu. ft.
8 foot, 4 Lamp (tandem)	6.77	4.38	100.00	25 lbs.	4.40 cu. ft.

Coefficients of Utilization

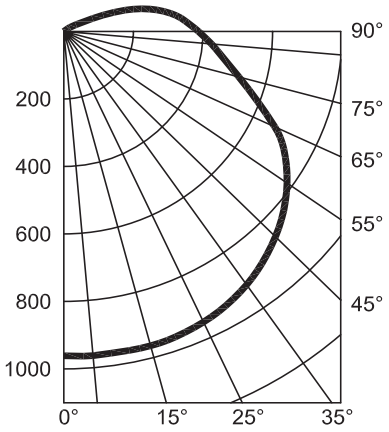
NMF265-2-4

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.81	.81	.81	.74	.74	.74	.65	.65	.65
1	.68	.65	.61	.62	.59	.57	.54	.53	.51
2	.58	.53	.48	.46	.41	.37	.41	.37	.34
3	.51	.44	.39	.52	.47	.42	.46	.42	.39
4	.45	.38	.33	.41	.35	.31	.36	.32	.29
5	.40	.33	.28	.36	.31	.27	.32	.28	.25
6	.35	.29	.24	.32	.27	.23	.29	.25	.22
7	.32	.26	.21	.29	.24	.20	.26	.22	.19
8	.29	.23	.19	.27	.22	.18	.24	.20	.17
9	.27	.21	.17	.25	.19	.16	.22	.18	.15
10	.24	.19	.15	.23	.18	.14	.21	.17	.14

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	961	961	961	961	961
5	919	926	948	952	964
15	919	926	948	934	964
25	852	872	910	896	950
35	754	786	848	829	916
45	625	668	765	747	860
55	467	541	660	631	783
65	298	388	539	483	669
75	124	232	380	387	521
85	153	116	273	348	426
90	6	83	238	313	387

Photometric Data



NOTE:
All data provided for two 32W, rapid start, cool white F40CW/RS/WM lamps.
Lamps rated for 2850 lumens per lamp. Use 1.509 multiplier for 60W F48T12/HO high output lamps.

Accessories

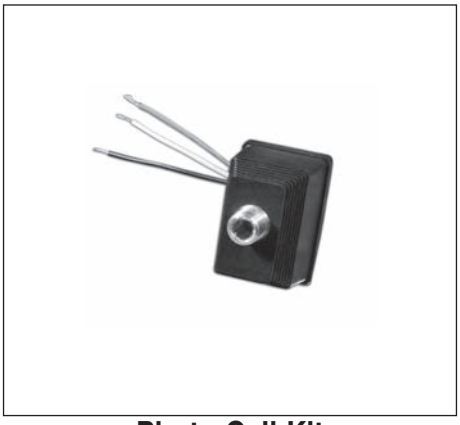


Photo Cell Kit
Catalog Number: SPH25-120
Shipping Weight: 0.25 lbs.

NMFH SERIES

Non-Metallic Hose Down Rated Fluorescent High Bay

NMFH

- UL 1598 Wet Locations
- CUL
- NEMA 4X
- IP66
- NSF Enclosure



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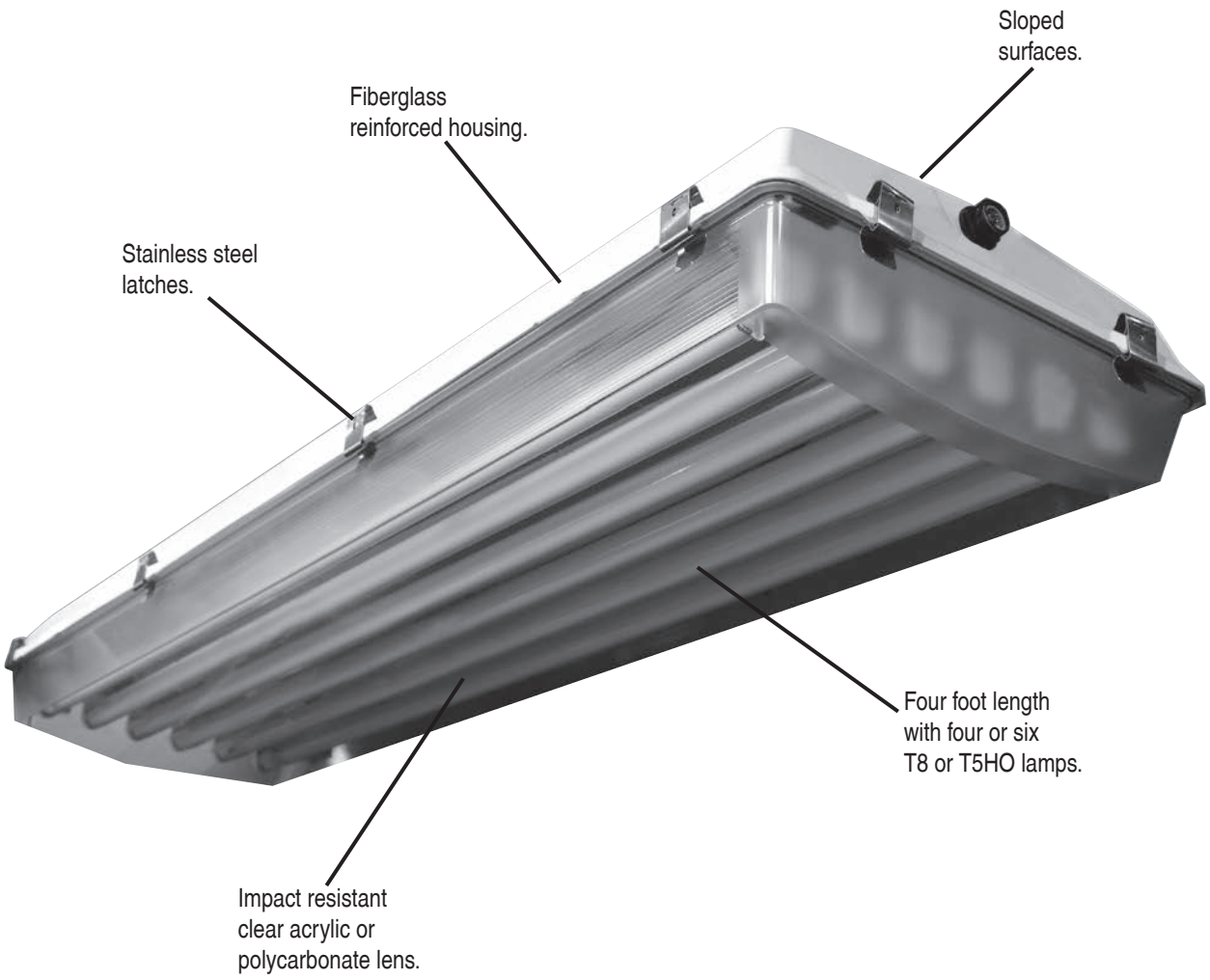
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NMFH SERIES

Non-Metallic Hose Down Rated Fluorescent High Bay

Fixture tested for hose-down conditions up to 1200 psi



FLUORESCENT

NMFH Series

UL 1598 Wet Locations • Non-Metallic • IP66 • NEMA 4X • NSF Enclosure • Hose Down

Catalog Number Logic

NMFH 265 - 4 - U - XX

(1) (2) (3) (4) (5)

(1) BASIC SERIES
NMFH Series Hose Down High Bay
UL/CUL 1598 Wet Locations
NEMA 4X
IP 66

(2) LAMP CURRENT/LAMP WATTAGE
265 = 265mA, 32 Watt (T8 Lamps)
T5HO = 54 Watt

(3) NUMBER OF LAMPS
4 = 4 Lamps
6 = 6 Lamps

(4) VOLTAGE/FREQUENCY
U = 120 thru 277V thru 50/60HZ
N = 347 thru 480V 60HZ
H = 347V 60HZ

(5) OPTIONS[1]
HL = Hi-Lumen Ballast (T8 Only)
PC = Polycarbonate Lens
L = Lamps
LC = Coated Lamps
TP = Tamper Proof Screws
SP = Specular Reflector
EM = Emergency Battery Backup
OS = Occupancy Sensor

[1]Consult factory for pricing.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

FLUORESCENT

NMFH Series

UL 1598 Wet Locations • Non-Metallic • IP66 • NEMA 4X • NSF Enclosure • Hose Down



- UL 1598 Wet Locations
- CUL
- NSF Enclosure
- Tool free access
- Tethered Lens
- Dust tight
- Captive stainless steel latches
- Food processing, paper mills, wastewater, schools and commercial construction
- High pressure hose down
- NEMA 4X
- IP 66

(Lamps not included)

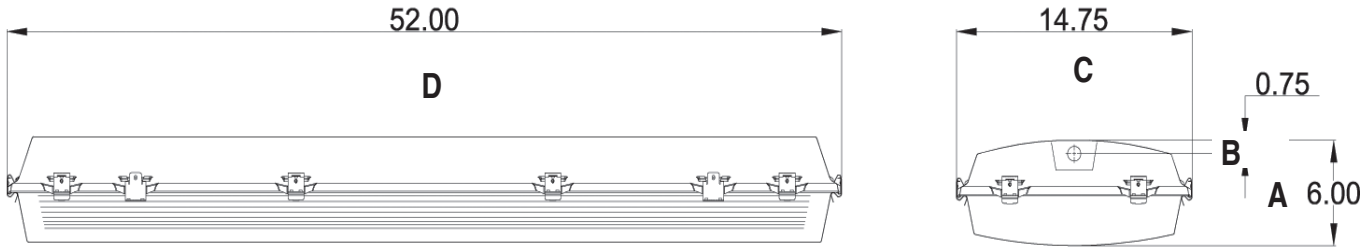
	Description	Voltage	Catalog Number
Four Lamp Fixture	54 Watt, Program Start Mini Bi- Pin T5HO Lamps, 48"	120-277V 50/60 HZ	**NMFHT5H0-4-U**
	32 Watt, Instant Start Medium Bi-Pin, T8 265mA Lamps, 48"	120-277V 50/60 HZ	**NMFH265-4-U**
Six Lamp Fixture	32 Watt, Instant Start Medium Bi-Pin, T8 265mA Lamps, 48”	120-277V 50/60 HZ	**NMFH265-6-U**
	54 Watt, Program Start High Output, Mini Bi-Pin T5HO Lamps, 48"	120-277V 50/60 HZ	**NMFHT5H0-6-U**

FLUORESCENT

NMFH Series

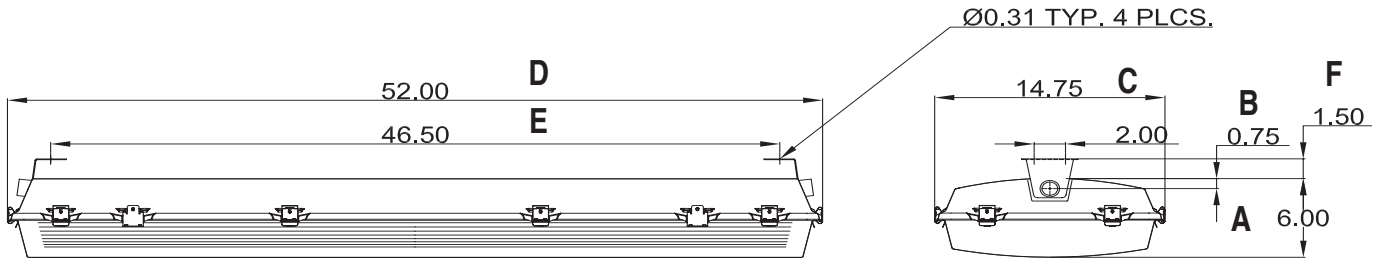
UL 1598 Wet Locations • Non-Metallic • IP66 • NEMA 4X • NSF Enclosure • Hose Down

Fixture Dimensions (inches)



NMFH SERIES	Dimensions (inches)				Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C	D		
4 foot, 4 & 6 Lamp	6.00	.75	14.75	52.00	27 lbs.	3.11 cu. ft.

Fixture Dimensions with Mounting Brackets (inches)



NMFH SERIES	Dimensions (inches)						Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C	D	E	F		
4 foot, 4 Lamp	6.00	.75	14.75	52.00	46.50	1.50	27 lbs.	3.11 cu. ft.
4 foot, 6 Lamp	6.00	.75	14.75	52.00	46.50	1.50	27 lbs.	3.11 cu. ft.

FLUORESCENT

NMFH Series

UL 1598 Wet Locations • Non-Metallic • IP66 • NEMA 4X • NSF Enclosure • Hose Down

Candlepower Distribution

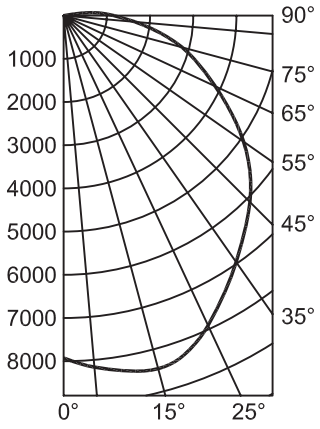
NMFHT5HO-6L-U

Deg	Parl.	22.5	45	67.5	Norm
0	7925	7925	7925	7925	7925
5	8026	8044	8100	8149	8168
15	7973	8115	8312	8441	8460
25	7295	7585	7868	7905	7912
35	6180	6599	6716	6932	6963
45	4982	5477	5643	5742	6099
55	3684	4066	4633	4991	5083
65	2230	2637	3339	3703	3875
75	918	1472	2286	2705	2840
85	184	573	1152	1552	1663
90	92	437	948	1121	1170

Coefficients of Utilization

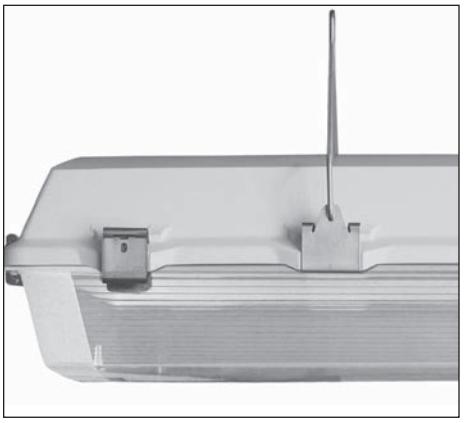
% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	1.08	1.08	1.08	.99	.99	.99	.90	.90	.90
1	.92	.88	.84	.85	.82	.79	.77	.75	.73
2	.80	.73	.68	.74	.69	.64	.67	.64	.60
3	.70	.62	.56	.65	.59	.54	.59	.55	.51
4	.62	.54	.47	.58	.51	.46	.53	.48	.43
5	.55	.47	.40	.51	.45	.39	.47	.42	.38
6	.50	.41	.35	.46	.39	.34	.43	.37	.33
7	.45	.37	.31	.42	.35	.30	.39	.33	.29
8	.41	.33	.28	.39	.32	.27	.36	.30	.26
9	.38	.30	.25	.36	.29	.24	.33	.28	.24

Photometric Data



NOTE: All data provided for six 54W lamps. Lamps rated for 4450 lumens per lamp.

Accessories



V-Hook
Requires (2) Stainless Steel V-Hooks
Catalog Number: 86228
Shipping Weight: 2 lbs.



Mini Receptacle
3P Male
Catalog Number: 64005
Shipping Weight: 0.1 lbs.



Mini Plug
3P with 6 ft. Cable
Catalog Number: 60006R
Shipping Weight: 0.6 lbs.



Photo Cell Kit
Catalog Number: SPH25-120
Shipping Weight: 0.25 lbs.



Bracket Mount Kit
Catalog Number: 53115
Contains two brackets, two hubs & two gaskets
Shipping Weight: 3 lbs.



Y Fit Cable Kit Kit
Stainless Steel
12 in. Catalog Number: GRYSS122
22 in. Catalog Number GRYSS222
Shipping Weight: 4 lbs.



Surface Mount Bracket
Catalog Number: 86230
Contains two brackets
Shipping Weight: 2 lbs.

WFHN SERIES

Fluorescent High-Bay Lighting for Heavy Hose-Down Environments

WFHN

- UL 1589 Wet Locations
- UL 8750 LED Safety
- NEMA 4X
- CUL Listed
- NSF Certified Food Equipment
- High Pressure Hose-Down
- One Piece Welded Aluminum Construction



c UL us LISTED

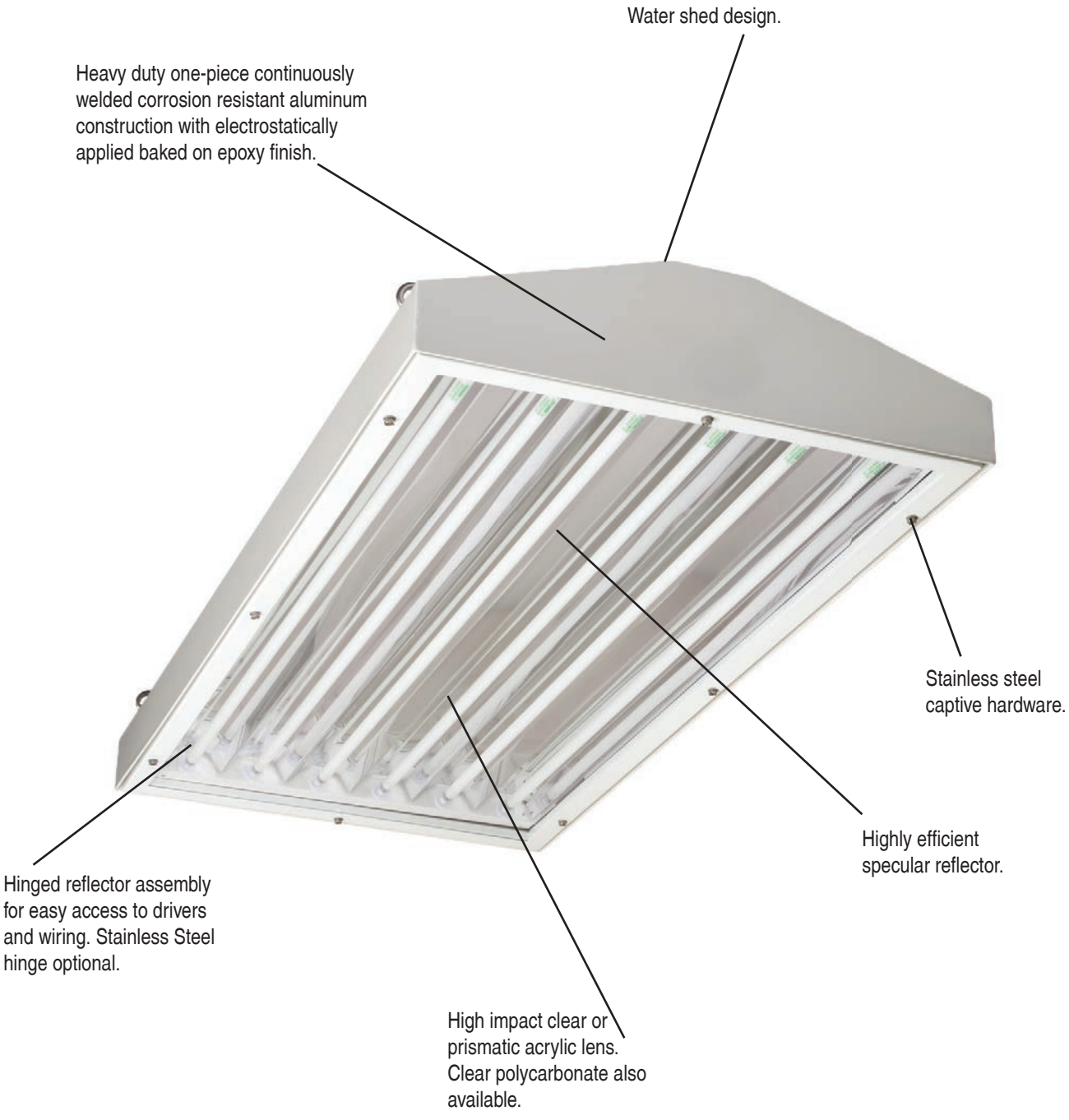
NSF

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WFHN SERIES

High-Bay Lighting for Heavy Hose-Down Environments



Four or six T8 or T5HO lamps.

FLUORESCENT

WFHN Series

UL 1598 Wet Location• CUL • High Pressure Hose Down • NSF Certified

Catalog Number Logic

WFHN 265 - 24- 4- CA-U- DH-XX

1 2 3 4 5 6 7 8

1 BASIC SERIES
WFHN Fluorescent Fixture
UL 1598 Wet Locations
UL 8750 LED Safety
CUL Listed
NSF Certified Food Equipment
Wash Down Rated

2 LAMP CURRENT/LAMP WATTAGE
265 = 265mA, 59, 32 Watt (T8 Lamps)
T5HO = 54 Watt Four Foot Lamp

3 NOMINAL FIXTURE LENGTH
24 = 2 x 4 Foot

4 NUMBER OF LED STRIPS
4 = 4 Lamps
6 = 6 Lamps

5 LENS TYPE
CA = Clear Acrylic
PA = Prismatic Acrylic
CP = Clear Polycarbonate

6 VOLTAGE/FREQUENCY
H = 347V 60 HZ
N = 347 thru 480V 50/60 HZ
U = 120 thru 277V 50/60 HZ
48 = 480V 60HZ

7 MOUNTING
DH = Dual Hub 1/2 in. NPT
SH = Single Hub 3/4 in. NPT

8 OPTIONS[1]
HL = High Lumen Ballast (T8 Only)
DM = Dimming Ballast
EM = Emergency Battery Backup
EM/NON = Non-Hazardous Emergency Backup
F = Single Fuse- For USL luminaires only (For luminaires rated 277 VAC or less)
DF = Double Fuse- For USL luminaires only (For luminaires rated 277 VAC or less)
L = Lamps
LC = Coated Lamps
SP = 95% Specular Reflector
WO = White Optic Reflector
HNG = Hinged Lens Frame
Z = Cold Storage (-30°C/-22°F Minimum Starting Temp.)
OB = Out Board Option

[1] Consult factory for pricing.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

FLUORESCENT

WFHN Series

UL 1598 Wet Location • CUL • High Pressure Hose Down • NSF Certified



- UL 1598 Wet Locations
- NEMA 4X
- CUL
- NSF Certified Food Equipment
- One-piece continuously welded aluminum construction
- Rated for -20° F minimum starting temperature
- 50° C (122° F) maximum ambient temperature
- Suitable for high pressure hose down
- Single or dual hub mounting
- Water shed design
- Stainless steel external hardware
- Bolt-on and gasketed cast aluminum hubs
- Water tight, ideal for food processing
- Low temperature rating suitable for freezers

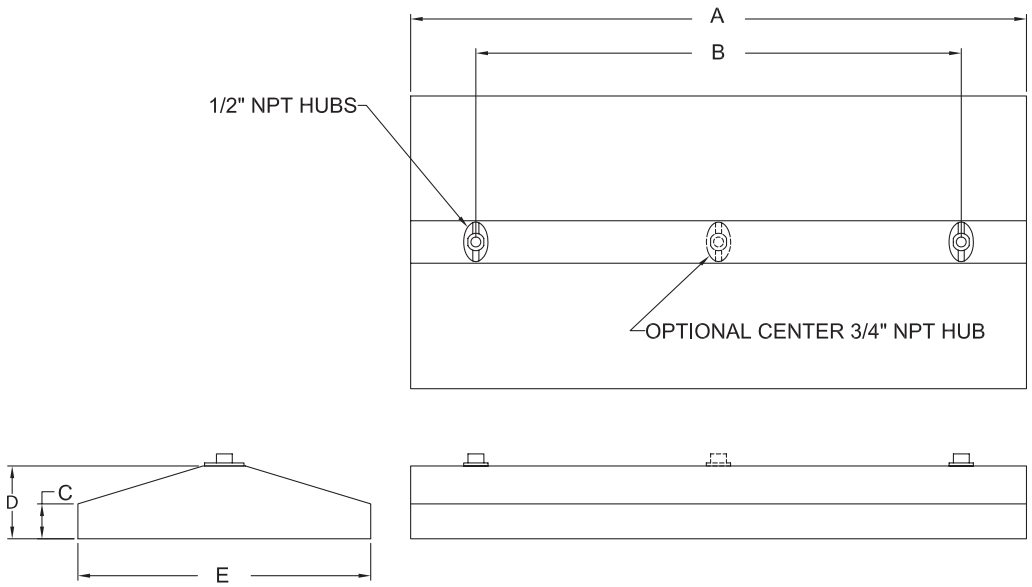
Size	Description	Voltage	Catalog Number
Four Lamp Fixture	54 Watt T5HO Miniature Bi-Pin Lamps 48” Clear Acrylic Lens	120-277V 50/60HZ	**WFHNT5HO-24-4-CA-U**
		347-480V 60HZ	**WFHNT5HO-24-4-CA-N**
		347V 60HZ	**WFHNT5HO-24-4-CA-H**
		480V 60HZ	**WFHNT5HO-24-4-CA-48**
	32 Watt Instant Start Medium Bi-Pin T8 265mA Lamps, 48” Clear Acrylic Lens	120-277V 50/60HZ	**WFHN265-24-4-CA-U**
		347-480V 60HZ	**WFHN265-24-4-CA-N**
		347V 60HZ	**WFHN265-24-4-CA-H**
		480V 60HZ	**WFHN265-24-4-CA-48**
Six Lamp Fixture	54 Watt T5HO Miniature Bi-Pin Lamps 48” Clear Acrylic Lens	120-277V 50/60HZ	**WFHNT5HO-24-6-CA-U**
		347-480V 60HZ	**WFHNT5HO-24-6-CA-N**
		347V 60HZ	**WFHNT5HO-24-6-CA-H**
		480V 60HZ	**WFHNT5HO-24-6-CA-48**
	32 Watt Instant Start Medium Bi-Pin T8 265mA Lamps, 48” Clear Acrylic Lens	120-277V 50/60HZ	**WFHN265-24-6-CA-U**
		347-480V 60HZ	**WFHN265-24-6-CA-N**
		347V 60HZ	**WFHN265-24-6-CA-H**
		480V 60HZ	**WFHN265-24-6-CA-48**

FLUORESCENT

WFHN Series

UL 1598 Wet Location• CUL • High Pressure Hose Down • NSF Certified

Fixture Dimensions (inches)



	Dimensions (inches)					Hub Size	Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C	D	E			
WFHN Series	50.75	40.0	2.88	6.0	24.13	1/2	39 lbs.	4.7 cu. ft.

Coefficients of Utilization

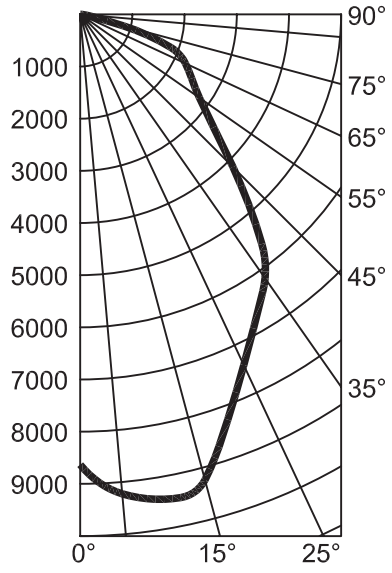
WFHNT5HO-24-6-U

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.96	.96	.96	.90	.90	.90	.82	.82	.82
1	.85	.82	.80	.80	.78	.76	.74	.73	.71
2	.75	.70	.66	.71	.67	.64	.66	.63	.61
3	.67	.61	.56	.63	.59	.55	.59	.56	.53
4	.60	.53	.48	.57	.51	.47	.53	.49	.46
5	.54	.47	.42	.51	.46	.41	.48	.44	.40
6	.49	.42	.37	.47	.41	.37	.44	.40	.36
7	.44	.38	.33	.43	.37	.33	.40	.36	.32
8	.41	.34	.30	.39	.33	.29	.37	.33	.29
9	.38	.31	.27	.36	.31	.27	.34	.30	.26

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	8631	8631	8631	8631	8631
5	8614	8796	9019	9152	9225
15	8298	8988	9434	9307	9238
25	7680	8730	8387	7694	7419
35	6767	7574	6469	6280	6177
45	5539	5906	5144	4314	4139
55	4091	3967	3106	2924	2787
65	2505	2234	1853	2155	2224
75	961	817	1002	896	858
85	48	75	51	48	34
90	0	0	0	0	0

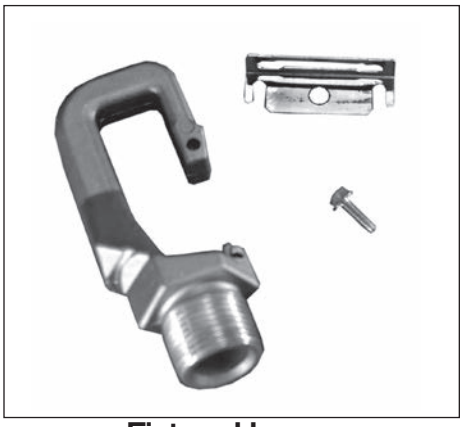
Photometric Data



Accessories



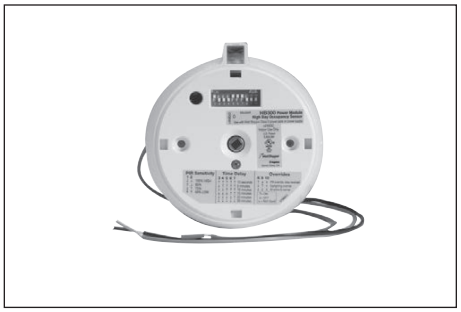
Eye Bolt Mounting Kit
Catalog Number: 53116
Shipping Weight: 3.0 lbs.
Cable or Chain Not Included
Required with Single Hub Mounting Option



Fixture Hanger
3/4 in. Male Thread
Catalog Number: HCK75
Shipping Weight: 1.7 lbs.



Y Fit Cable with 2 ft. Legs
Stainless Steel
12 ft. Catalog Number: GRYSS122
22 ft. Catalog Number: GRYSS222
Shipping Weight: 4 lbs.



Occupancy Sensor
120/277VAC Sensor Module
Catalog Number: 76007
Shipping Weight: 0.25 lbs.
Lenses:
Lens for 10' Mounting Height Number: 76003
Lens for 20' Mounting Height Number: 76008
Lens for 40' Mounting Height Number: 76009
(not suitable for hazardous locations)

SAF SERIES

SAF

Hazardous Location Mogul Base HID and Compact Fluorescent

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 1 & 2, Groups E, F & G
- Class III
- Zone 2, Groups IIA, IIB & IIC
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- UL 924 Emergency Lighting
- NEMA 3R, 4X
- IP66
- CSA Certified
- ABS Type Approved
- Restricted Breathing (175W Max.)
- AExnR II, ExnR II & T3
- Enclosed & Gasketed



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SAF SERIES

Hazardous Location Mogul Base HID and Compact Fluorescent



Ballast housing and outlet boxes are high strength, corrosion resistant copper-free cast aluminum alloy.

Large hinge permits fixture to open for “hands free” wiring. Also allows better heat dissipation of internal components.

All external hardware is stainless steel. Stainless steel inserts are available as an option.

Superior heat resistant silicone o-ring gasket makes fixture suitable for installation indoors or outdoors. Other materials available.

All exterior surfaces are covered with corrosion and chemical resistant baked epoxy.

Heat-resistant tempered prismatic glass globe is standard and is suitable for hose down applications.

Corrosion resistant high strength fiberglass reinforced polycarbonate guard provides protection to the globe. Stainless steel wire guard available.

Suitable for installation on marine environments where equipment is subject to salt water spray, either indoor or outdoor.

- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- UL 1598A Marine Outdoor
- CSA Certified
- Enclosed and Gasketed
- Suitable for wet locations
- Suitable for hose down applications
- ABS Type Approved

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Catalog Number Logic

SAF 15- S- 04- G- G- P- XX

(1) (2) (3) (4) (5) (6) (7) (8)

1 BASIC SERIES

SAF Hazardous Location HID & CFL
Class I, Division 2, Groups A, B, C & D
Class II, Division 1 & 2, Groups E, F & G
Class III
Zone 2, Groups IIA, IIB & IIC
Enclosed and Gasketed
Wet Locations
NEMA 3R, 4X; IP66
UL 1598, 1598A & 844
UL 924 Emergency Lighting
CSA Certified
Restricted Breathing (175W Max.)
(Annual Testing Not Required)

BASIC SERIES SAFR

SAFR Hazardous Location HID & CFL
Class I, Division 2, Groups A, B, C & D
Enclosed & Gasketed
Wet Locations
NEMA 3R & 4X
UL 1598, 1598A & 844
CSA Certified
IP66

2 LAMP CURRENT/LAMP WATTAGE

26 = 26 Watt
32 = 32 Watt CFL /320 Watt MH
42 = 42 Watt
52 = 52 Watt
64 = 64 Watt
07 = 70 Watt
84 = 84 Watt
10 = 100 Watt
15 = 150 Watt
17 = 175 Watt
20 = 200 Watt
25 = 250 Watt
35 = 350 Watt
40 = 400 Watt

3 LAMP TYPE[1]

S = High Pressure Sodium
(70, 100, 150, 200, 250, 400 Watt)
H = Metal Halide
(70, 100, 150, 175, 250, 320, 350, 400 Watt)
F = Fluorescent
(26, 32, 42, 52, 64 & 84 Watt)

4 BALLAST VOLTAGE

04 = 120/208/240/277V 60 HZ
12 = 120V 60 HZ
20 = 208V 60 HZ
22 = 220/240V 50 HZ
24 = 240V 60 HZ
27 = 277V 60 HZ
34 = 347V 60 HZ
48 = 480V 60 HZ
U = 120 thru 277 50/60 HZ (Fluorescent Only)

5 GLOBE

PG = PolyGlobe
(42W fluorescent max.)
G = Globe only
R2 = Type II (Asymmetric)
Closed Bottom Glass Refractor
R3 = Type III (Asymmetric)
Closed Bottom Glass Refractor
R5 = Type V (Symmetric)
Closed Bottom Glass Refractor
T1 = Type I (Asymmetric)
Closed Bottom Threaded Glass Refractor
T3 = Type III (Asymmetric)
Closed Bottom Threaded Glass Refractor
T5 = Type V (Symmetric)
Closed Bottom Threaded Glass Refractor

6 GUARD

G = Guard Only

Refer to Certification Guide to determine suitability of individual fixture.
Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

7 MOUNTING STYLE

P = 3/4" Pendant Mount
P1 = 1" Pendant Mount
F = 3/4" Flexible Pendant Mount
F1 = 1" Flexible Pendant Mount
C = 3/4" Ceiling Mount
C1 = 1" Ceiling Mount
W = 3/4" Wall Mount
W1 = 1" Wall Mount
S = 1-1/4" 25° Stanchion Mount
S1 = 1-1/2" 25° Stanchion Mount
L = 1-1/4" 90° Stanchion Mount
L1 = 1-1/2" 90° Stanchion Mount
K = 3/4" Cone Top
K1 = 1" Cone Top

8 OPTIONS[2]

SS = Stainless Steel Inserts (304)
Q = Auxiliary Quartz Relay[3]
QTD = Auxiliary Quartz Relay
Hot & Cold Start
FB1 = Single Fuse Block[4,5]
FB2 = Double Fuse Block[4,5]
TB = Terminal Block
R = Instant Restrike
(HPS only- up to 150W)
PS = Pulse Start
BP = Ballast Protector
EM = Normal AC & Emergency Battery Backup (CFL Only)
EMO = Emergency Battery Backup Only- no AC Ballast (CFL Only) (52W Max.)

1 HID fixtures for Mogul Base lamps only.
2 Consult factory for pricing.
3 Quartz option available only with R2, R3 and R5 refractors and with vertical mount only.
• Option not available with globe and guard or with 25° stanchion mount.
• Reflectors cannot be added. Lamp to be 100W DC bayonet base.
• Available with maximum 150W HPS & 250W MH lamp.
4 Not available with multi-tap ballast unless incoming voltage is specified. When installed, one fuse block is provided for 120, 277V and two fuse blocks are provided for 208, 220, 240, 347 and 480V. Fuse not included.
5 Fuse option not available for marine listed fixtures.

HIGH PRESSURE SODIUM • METAL HALIDE • COMPACT FLUORESCENT

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Certification Guide

MODEL	AMBIENT ° C	CLASS I, DIV 2 GROUPS A,B,C,D			CLASS II & III			SIMULTANEOUS PRESENCE		UL 1598A OUTDOOR	CSA	SUPPLY WIRE SUITABLE TEMP °C
		GLOBE GUARD	GLOBE W/REFL	REFRACTOR	GROUPS	GLOBE GUARD	REFRACTOR	GLOBE GUARD	REFRACTOR			
SAF05S	40	T3	T3	T3B	E,F,G	T4A	T6	T2	T2B	YES	YES	90
SAF05S	55	T3	T3	-	-	-	-	-	-	YES	YES	90
SAF05S	65	T2D	T2D	T2D	-	-	-	-	-	YES	YES	110
SAF07S	40	T3	T3	T3B	E,F,G	T4A	T6	T3	T3C	YES	YES	90
SAF07S	55	T3	T3	-	-	-	-	-	-	YES	YES	90
SAF07S	65	T2D	T2D	T2D	-	-	-	-	-	YES	YES	110
SAF10S	40	T2D	T2D	T3	E,F,G	T3C	T6	T2B	T3	YES	YES	90
SAF10S	55	T2D	T2D	-	-	-	-	-	-	YES	YES	90
SAF10S	65	T2C	T2C	-	-	-	-	-	-	YES	YES	110
SAF15S	40	T2B	T2B	T2C	E,F **	T3	-	T2	T2B	YES	YES	90
SAF15S	40	T2B	T2B	T2C	E,F,G	-	T4A	-	-	YES	YES	90
SAF15S	55	T2B	T2B	-	-	-	-	-	-	YES	YES	90
SAF15S	65	T2A	T2A	-	-	-	-	-	-	YES	YES	110
SAF25S	40	T1 (350)	T1 (350)	T1(350)	E,F,G	T3C	T3C	T1 (350)	T1 (350)	YES	YES	105
SAF25S	55	T1 (350)	T1 (350)	-	-	-	-	-	-	YES	YES	110
SAF25S	65	T1	T1	-	-	-	-	-	-	YES	YES	125
SAF40S	40	T1	T1	T1	E,F,G	-	T3B	-	-	YES	YES	110
SAF10H	40	T2B	T2B	T2C	E,F,G	-	T4	-	-	YES	YES	125
SAF15H	40	T2	T2	T2	E,F,G	-	T4	-	T2	YES	YES	125
SAF15H	55	T2	T2	-	-	-	-	-	-	YES	YES	125
SAF17H	40	T2	T2	T2	E,F,G	-	T4	-	T2	YES	YES	125
SAF17H	55	T2	T2	-	-	-	-	-	-	YES	YES	125
SAF25H	40	T1	T1	T2	E,F,G	-	T4	-	T2	YES	YES	110
SAF40H	40	T1	T1	T1	E,F,G	-	T3B	-	-	YES	YES	110
SAFR05S	40	-	-	T3	E,F,G	-	T4A	-	T3	YES	YES	90
SAFR05S	55	-	-	T3	-	-	-	-	-	YES	YES	90
SAFR07S	40	-	-	T3	E,F,G	-	T4A	-	T3	YES	YES	90
SAFR07S	55	-	-	T3	-	-	-	-	-	YES	YES	90
SAFR10S	40	-	-	T2D	E,F,G	-	T3C	-	T2B	YES	YES	90
SAFR10S	55	-	-	T2D	-	-	-	-	-	YES	YES	90
SAFR15S	40	-	-	T2B	E,F	-	T3	-	T2	YES	YES	90
SAFR15S	55	-	-	T2B	-	-	-	-	-	YES	YES	90
SAFR10H	40	-	-	T2B	-	-	-	-	-	YES	YES	105
SAFR10H	55	-	-	T2	-	-	-	-	-	YES	YES	125
SAFR17H	40	-	-	T2	-	-	-	-	-	YES	YES	105
SAFR17H	55	-	-	T2	-	-	-	-	-	YES	YES	125
SAF26F	40	T3	T3	T3B	E,F,G	T4A	T6	T3	T3C	YES	-	75
SAF32F	40	T2B	T2B	T2B	E,F,G	T4A	T4	-	-	YES	-	75
SAF42F	40	T2A	T2A	T2A	E,F,G	T4A	T4	-	-	YES	-	75
SAF52F	40	T2B	T2B	T2B	E,F,G	T4A	T4	-	-	YES	-	75
SAF64F	40	T2B	T2B	T2B	E,F,G	T4A	T4	-	-	YES	-	75
SAF84F	40	T2A	T2A	T2A	E,F,G	T4A	T4	-	-	YES	-	75

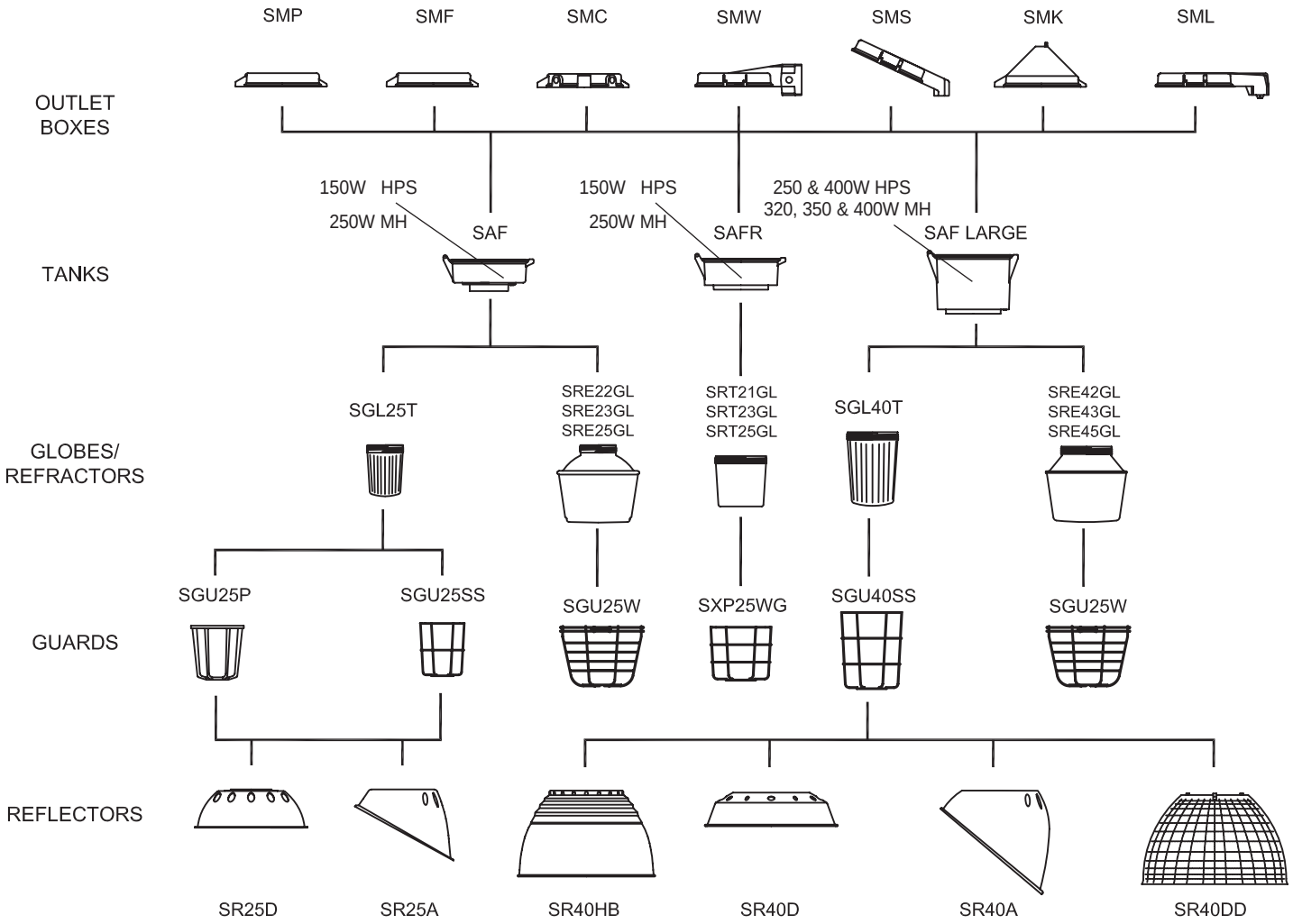
*GROUPS E & F ONLY FOR STANCHION MOUNT. GROUPS E, F, & G FOR ALL OTHER MOUNTS.

NOTE: ALL SAF SERIES FIXTURES WITH GLOBE AND GUARD RATED 175W MAXIMUM AT 40° C ARE ADDITIONALLY LISTED FOR CLASS I ZONE 2 AEx OR EX nR II AND ARE MARKED WITH THE OPERATING TEMPERATURE 160° C OR CODE T3

HIGH PRESSURE SODIUM • METAL HALIDE • COMPACT FLUORESCENT

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA



Refer to Certification Guide to determine suitability of individual fixture.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium with Globe and Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
RIGID PENDANT	70	3/4	**SAF07-S-04-GG-P**	22.9	SAF07S04	SMP	SGL25T	SGU25P
	70	1	**SAF07-S-04-GG-P1**	22.9	SAF07S04	SMP1	SGL25T	SGU25P
	100	3/4	**SAF10-S-04-GG-P**	22.9	SAF10S04	SMP	SGL25T	SGU25P
	100	1	**SAF10-S-04-GG-P1**	22.9	SAF10S04	SMP1	SGL25T	SGU25P
	150③	3/4	**SAF15-S-04-GG-P**	24.2	SAF15S04	SMP	SGL25T	SGU25P
	150③	1	**SAF15-S-04-GG-P1**	24.2	SAF15S04	SMP1	SGL25T	SGU25P
	250	3/4	**SAF25-S-04-GG-P**	39.5	SAF25S04	SMP	SGL40T	SGU40SS
	250	1	**SAF25-S-04-GG-P1**	39.5	SAF25S04	SMP1	SGL40T	SGU40SS
	400	3/4	**SAF40-S-04-GG-P**	39.5	SAF40S04	SMP	SGL40T	SGU40SS
	400	1	**SAF40-S-04-GG-P1**	39.5	SAF40S04	SMP1	SGL40T	SGU40SS
FLEXIBLE PENDANT	70	3/4	**SAF07-S-04-GG-F**	22.9	SAF07S04	SMF	SGL25T	SGU25P
	70	1	**SAF07-S-04-GG-F1**	22.9	SAF07S04	SMF1	SGL25T	SGU25P
	100	3/4	**SAF10-S-04-GG-F**	22.9	SAF10S04	SMF	SGL25T	SGU25P
	100	1	**SAF10-S-04-GG-F1**	22.9	SAF10S04	SMF1	SGL25T	SGU25P
	150③	3/4	**SAF15-S-04-GG-F1**	24.2	SAF15S04	SMF	SGL25T	SGU25P
	150③	1	**SAF15-S-04-GG-F1**	24.2	SAF15S04	SMF1	SGL25T	SGU25P
CEILING MOUNT	70	3/4	**SAF07-S-04-GG-C**	23.7	SAF07S04	SMC	SGL25T	SGU25P
	70	1	**SAF07-S-04-GG-C1**	23.7	SAF07S04	SMC1	SGL25T	SGU25P
	100	3/4	**SAF10-S-04-GG-C1**	23.7	SAF10S04	SMC	SGL25T	SGU25P
	100	1	**SAF10-S-04-GG-C1**	23.7	SAF10S04	SMC1	SGL25T	SGU25P
	150③	3/4	**SAF15-S-04-GG-C**	33.5	SAF15S04	SMC	SGL25T	SGU25P
	150③	1	**SAF15-S-04-GG-C1**	33.5	SAF15S04	SMC1	SGL25T	SGU25P
	250	3/4	**SAF25-S-04-GG-C**	43.7	SAF25S04	SMC	SGL40T	SGU40SS
	250	1	**SAF25-S-04-GG-C1**	43.7	SAF25S04	SMC1	SGL40T	SGU40SS
	400	3/4	**SAF40-S-04-GG-C**	50.7	SAF40S04	SMC	SGL40T	SGU40SS
	400	1	**SAF40-S-04-GG-C1**	50.7	SAF40S04	SMC1	SGL40T	SGU40SS

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Fixtures are for use with 55V (ANSI S55) lamps only. If a fixture or housing is required for use with 100V (ANSI S56) lamp, consult factory.

Refer to Certification Guide to determine suitability of individual fixture.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium with Globe and Guard 70-400 Watts (continued)

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
WALL MOUNT	70	1-1/4	**SAF07-S-04-GG-W**	31.4	SAF07S04	SMW	SGL25T	SGU25P
	70	1-1/2	**SAF07-S-04-GG-W1**	31.4	SAF07S04	SMW1	SGL25T	SGU25P
	100	1-1/4	**SAF10-S-04-GG-W**	31.4	SAF10S04	SMW	SGL25T	SGU25P
	100	1-1/2	**SAF10-S-04-GG-W1**	31.4	SAF10S04	SMW1	SGL25T	SGU25P
	150③	1-1/4	**SAF15-S-04-GG-W**	32.7	SAF15S04	SMW	SGL25T	SGU25P
	150③	1-1/2	**SAF15-S-04-GG-W1**	32.7	SAF15S04	SMW1	SGL25T	SGU25P
	250	1-1/4	**SAF25-S-04-GG-W**	43.0	SAF25S04	SMW	SGL40T	SGU40SS
	250	1-1/2	**SAF25-S-04-GG-W1**	43.0	SAF25S04	SMW1	SGL40T	SGU40SS
	400	1-1/4	**SAF40-S-04-GG-W**	50.0	SAF40S04	SMW	SGL40T	SGU40SS
	400	1-1/2	**SAF40-S-04-GG-W1**	50.0	SAF40S04	SMW1	SGL40T	SGU40SS
25° STANCHION MOUNT	70	1-1/4	**SAF07-S-04-GG-S**	31.4	SAF07S04	SMS	SGL25T	SGU25P
	70	1-1/2	**SAF07-S-04-GG-S1**	31.4	SAF07S04	SMS1	SGL25T	SGU25P
	100	1-1/4	**SAF10-S-04-GG-S**	31.4	SAF10S04	SMS	SGL25T	SGU25P
	100	1-1/2	**SAF10-S-04-GG-S1**	31.4	SAF10S04	SMS1	SGL25T	SGU25P
	150③	1-1/4	**SAF15-S-04-GG-S**	32.7	SAF15S04	SMS	SGL25T	SGU25P
	150③	1-1/2	**SAF15-S-04-GG-S1**	32.7	SAF15S04	SMS1	SGL25T	SGU25P
	250	1-1/4	**SAF25-S-04-GG-S**	43.7	SAF25S04	SMS	SGL40T	SGU40SS
	250	1-1/2	**SAF25-S-04-GG-S1**	43.7	SAF25S04	SMS1	SGL40T	SGU40SS
	400	1-1/4	**SAF40-S-04-GG-S**	50.7	SAF40S04	SMS	SGL40T	SGU40SS
	400	1-1/2	**SAF40-S-04-GG-S1**	50.7	SAF40S04	SMS1	SGL40T	SGU40SS
90° STANCHION MOUNT	70	1-1/4	**SAF07-S-04-GG-L**	32.2	SAF07S04	SML	SGL25T	SGU25P
	70	1-1/2	**SAF07-S-04-GG-L1**	32.2	SAF07S04	SML1	SGL25T	SGU25P
	100	1-1/4	**SAF10-S-04-GG-L**	32.2	SAF10S04	SML	SGL25T	SGU25P
	100	1-1/2	**SAF10-S-04-GG-L1**	32.2	SAF10S04	SML1	SGL25T	SGU25P
	150③	1-1/4	**SAF15-S-04-GG-L**	33.5	SAF15S04	SML	SGL25T	SGU25P
	150③	1-1/2	**SAF15-S-04-GG-L1**	33.5	SAF15S04	SML1	SGL25T	SGU25P
	250	1-1/4	**SAF25-S-04-GG-L**	43.7	SAF25S04	SML	SGL40T	SGU40SS
	250	1-1/2	**SAF25-S-04-GG-L1**	43.7	SAF25S04	SML1	SGL40T	SGU40SS
	400	1-1/4	**SAF40-S-04-GG-L**	50.7	SAF40S04	SML	SGL40T	SGU40SS
	400	1-1/2	**SAF40-S-04-GG-L**	50.7	SAF40S04	SML1	SGL40T	SGU40SS

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium with Threaded Refractor and Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
RIGID PENDANT	70	3/4	**SAFR07-S-04-T5G-P**	25.5	SAFR07S04	SMP	SRT25GL	SXP25WG
	70	1	**SAFR07-S-04-T5G-P1**	25.5	SAFR07S04	SMP1	SRT25GL	SXP25WG
	100	3/4	**SAFR10-S-04-T5G-P**	28.0	SAFR10S04	SMP	SRT25GL	SXP25WG
	100	1	**SAFR10-S-04-T5G-P1**	28.0	SAFR10S04	SMP1	SRT25GL	SXP25WG
	150③	3/4	**SAFR15-S-04-T5G-P**	29.6	SAFR15S04	SMP	SRT25GL	SXP25WG
	150③	1	**SAFR15-S-04-T5G-P1**	29.6	SAFR15S04	SMP1	SRT25GL	SXP25WG
	250	3/4	**SAFR25-S-04-T5G-P**	43.9	SAFR25S04	SMP	SRT25GL	SXP25WG
	250	1	**SAFR25-S-04-T5G-P1**	43.9	SAFR25S04	SMP1	SRT25GL	SXP25WG
FLEXIBLE PENDANT	70	3/4	**SAFR07-S-04-T5G-F**	25.5	SAFR07S04	SMF	SRT25GL	SXP25WG
	70	1	**SAFR07-S-04-T5G-F1**	25.5	SAFR07S04	SMF1	SRT25GL	SXP25WG
	100	3/4	**SAFR10-S-04-T5G-F**	28.0	SAFR10S04	SMF	SRT25GL	SXP25WG
	100	1	**SAFR10-S-04-T5G-F1**	28.0	SAFR10S04	SMF1	SRT25GL	SXP25WG
	150③	3/4	**SAFR15-S-04-T5G-F1**	29.6	SAFR15S04	SMF	SRT25GL	SXP25WG
	150③	1	**SAFR15-S-04-T5G-F1**	29.6	SAFR15S04	SMF1	SRT25GL	SXP25WG
CEILING MOUNT	70	3/4	**SAFR07-S-04-T5G-C**	27.7	SAFR07S04	SMC	SRT25GL	SXP25WG
	70	1	**SAFR07-S-04-T5G-C1**	27.7	SAFR07S04	SMC1	SRT25GL	SXP25WG
	100	3/4	**SAFR10-S-04-T5G-C1**	29.3	SAFR10S04	SMC	SRT25GL	SXP25WG
	100	1	**SAFR10-S-04-T5G-C1**	29.3	SAFR10S04	SMC1	SRT25GL	SXP25WG
	150③	3/4	**SAFR15-S-04-T5G-C**	30.9	SAFR15S04	SMC	SRT25GL	SXP25WG
	150③	1	**SAFR15-S-04-T5G-C1**	30.9	SAFR15S04	SMC1	SRT25GL	SXP25WG
	250	3/4	**SAFR25-S-04-T5G-C**	45.2	SAFR25S04	SMC	SRT25GL	SXP25WG
	250	1	**SAFR25-S-04-T5G-C1**	45.2	SAFR25S04	SMC1	SRT25GL	SXP25WG

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Fixtures are for use with 55V (ANSI S55) lamps only. If a fixture or housing is required for use with 100V (ANSI S56) lamp, consult factory.

Refer to Certification Guide to determine suitability of individual fixture.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium with Threaded Refractor and Guard 70-400 Watts (continued)

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
WALL MOUNT	70	1-1/4	**SAFR07-S-04-T5G-W**	33.8	SAFR07S04	SMW	SRT25GL	SXP25WG
	70	1-1/2	**SAFR07-S-04-T5G-W1**	33.8	SAFR07S04	SMW1	SRT25GL	SXP25WG
	100	1-1/4	**SAFR10-S-04-T5G-W**	35.4	SAFR10S04	SMW	SRT25GL	SXP25WG
	100	1-1/2	**SAFR10-S-04-T5G-W1**	35.4	SAFR10S04	SMW1	SRT25GL	SXP25WG
	150③	1-1/4	**SAFR15-S-04-T5G-W**	37.0	SAFR15S04	SMW	SRT25GL	SXP25WG
	150③	1-1/2	**SAFR15-S-04-T5G-W1**	37.0	SAFR15S04	SMW1	SRT25GL	SXP25WG
	250	1-1/4	**SAFR25-S-04-T5G-W**	52.3	SAFR25S04	SMW	SRT25GL	SXP25WG
	250	1-1/2	**SAFR25-S-04-T5G-W1**	52.3	SAFR25S04	SMW1	SRT25GL	SXP25WG
25° STANCHION MOUNT	70	1-1/4	**SAFR07-S-04-T5G-S**	31.6	SAFR07S04	SMS	SRT25GL	SXP25WG
	70	1-1/2	**SAFR07-S-04-T5G-S1**	31.6	SAFR07S04	SMS1	SRT25GL	SXP25WG
	100	1-1/4	**SAFR10-S-04-T5G-S**	33.2	SAFR10S04	SMS	SRT25GL	SXP25WG
	100	1-1/2	**SAFR10-S-04-T5G-S1**	33.2	SAFR10S04	SMS1	SRT25GL	SXP25WG
	150③	1-1/4	**SAFR15-S-04-T5G-S**	34.9	SAFR15S04	SMS	SRT25GL	SXP25WG
	150③	1-1/2	**SAFR15-S-04-T5G-S1**	34.9	SAFR15S04	SMS1	SRT25GL	SXP25WG
	250	1-1/4	**SAFR25-S-04-T5G-S**	50.2	SAFR25S04	SMS	SRT25GL	SXP25WG
	250	1-1/2	**SAFR25-S-04-T5G-S1**	50.2	SAFR25S04	SMS1	SRT25GL	SXP25WG
90° STANCHION MOUNT	70	1-1/4	**SAFR07-S-04-T5G-L**	31.6	SAFR07S04	SML	SRT25GL	SXP25WG
	70	1-1/2	**SAFR07-S-04-T5G-L1**	31.6	SAFR07S04	SML1	SRT25GL	SXP25WG
	100	1-1/4	**SAFR10-S-04-T5G-L**	33.2	SAFR10S04	SML	SRT25GL	SXP25WG
	100	1-1/2	**SAFR10-S-04-T5G-L1**	33.2	SAFR10S04	SML1	SRT25GL	SXP25WG
	150③	1-1/4	**SAFR15-S-04-T5G-L**	34.9	SAFR15S04	SML	SRT25GL	SXP25WG
	150③	1-1/2	**SAFR15-S-04-T5G-L1**	34.9	SAFR15S04	SML1	SRT25GL	SXP25WG
	250	1-1/4	**SAFR25-S-04-T5G-L**	50.2	SAFR25S04	SML	SRT25GL	SXP25WG
	250	1-1/2	**SAFR25-S-04-T5G-L1**	50.2	SAFR25S04	SML1	SRT25GL	SXP25WG

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium with Refractor and Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor③	Guard
RIGID PENDANT	70	3/4	**SAF07-S-04-R5-G-P**	31.4	SAF07S04	SMP	SRE25GL	SGU25W
	70	1	**SAF07-S-04-R5-G-P1**	31.4	SAF07S04	SMP1	SRE25GL	SGU25W
	100	3/4	**SAF10-S-04-R5-G-P**	31.4	SAF10S04	SMP	SRE25GL	SGU25W
	100	1	**SAF10-S-04-R5-G-P1**	31.4	SAF10S04	SMP1	SRE25GL	SGU25W
	150④	3/4	**SAF15-S-04-R5-G-P**	32.7	SAF15S04	SMP	SRE25GL	SGU25W
	150④	1	**SAF15-S-04-R5-G-P1**	32.7	SAF15S04	SMP1	SRE25GL	SGU25W
	250	3/4	**SAF25-S-04-R5-G-P**	43.0	SAF25S04	SMP	SRE45GL	SGU25W
	250	1	**SAF25-S-04-R5-G-P1**	43.0	SAF25S04	SMP1	SRE45GL	SGU25W
	400	3/4	**SAF40-S-04-R5-G-P**	50.0	SAF40S04	SMP	SRE45GL	SGU25W
	400	1	**SAF40-S-04-R5-G-P1**	50.0	SAF40S04	SMP1	SRE45GL	SGU25W
FLEXIBLE PENDANT	70	3/4	**SAF07-S-04-R5-G-F**	31.4	SAF07S04	SMF	SRE25GL	SGU25W
	70	1	**SAF07-S-04-R5-G-F1**	31.4	SAF07S04	SMF1	SRE25GL	SGU25W
	100	3/4	**SAF10-S-04-R5-G-F**	31.4	SAF10S04	SMF	SRE25GL	SGU25W
	100	1	**SAF10-S-04-R5-G-F1**	31.4	SAF10S04	SMF1	SRE25GL	SGU25W
	150④	3/4	**SAF15-S-04-R5-G-F**	32.7	SAF15S04	SMF	SRE25GL	SGU25W
	150④	1	**SAF15-S-04-R5-G-F1**	32.7	SAF15S04	SMF1	SRE25GL	SGU25W
CEILING MOUNT	70	3/4	**SAF07-S-04-R5-G-C**	32.2	SAF07S04	SMC	SRE25GL	SGU25W
	70	1	**SAF07-S-04-R5-G-C1**	32.2	SAF07S04	SMC1	SRE25GL	SGU25W
	100	3/4	**SAF10-S-04-R5-G-C**	32.2	SAF10S04	SMC	SRE25GL	SGU25W
	100	1	**SAF10-S-04-R5-G-C1**	32.2	SAF10S04	SMC1	SRE25GL	SGU25W
	150④	3/4	**SAF15-S-04-R5-G-C**	33.5	SAF15S04	SMC	SRE25GL	SGU25W
	150④	1	**SAF15-S-04-R5-G-C1**	33.5	SAF15S04	SMC1	SRE25GL	SGU25W
	250	3/4	**SAF25-S-04-R5-G-C**	43.7	SAF25S04	SMC	SRE45GL	SGU25W
	250	1	**SAF25-S-04-R5-G-C1**	43.7	SAF25S04	SMC1	SRE45GL	SGU25W
	400	3/4	**SAF40-S-04-R5-G-C**	50.7	SAF40S04	SMC	SRE45GL	SGU25W
	400	1	**SAF40-S-04-R5-G-C1**	50.7	SAF40S04	SMC1	SRE45GL	SGU25W







To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Catalog Nos. shown are for fixtures with IES Type V closed bottom glass refractors, for other type refractors, refer to Catalog Number Logic page.

④ Fixtures are for use with 55V (ANSI S55) lamps only. If a fixture or housing is required for use with 100V (ANSI S56) lamp, consult factory.

Refer to Certification Guide to determine suitability of individual fixture. Fixtures with Refractors are not suitable to ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium with Refractor and Guard 70-400 Watts (continued)

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor③	Guard
WALL MOUNT	70	1-14	**SAF07-S-04-R5-G-W**	35.9	SAF07S04	SMW	SRE25GL	SGU25W
	70	1-1/2	**SAF07-S-04-R5-G-W1**	35.9	SAF07S04	SMW1	SRE25GL	SGU25W
	100	1-1/4	**SAF10-S-04-R5-G-W**	35.9	SAF10S04	SMW	SRE25GL	SGU25W
	100	11/2	**SAF10-S-04-R5-G-W1**	35.9	SAF10S04	SMW1	SRE25GL	SGU25W
	150④	1-1/4	**SAF15-S-04-R5-G-W**	37.2	SAF15S04	SMW	SRE25GL	SGU25W
	150④	1-1/2	**SAF15-S-04-R5-G-W1**	37.2	SAF15S04	SMW1	SRE25GL	SGU25W
	250	1-1/4	**SAF25-S-04-R5-G-W**	47.5	SAF25S04	SMW	SRE45GL	SGU25W
	250	1-1/2	**SAF25-S-04-R5-G-W1**	47.5	SAF25S04	SMW1	SRE45GL	SGU25W
	400	1-1/4	**SAF40-S-04-R5-G-W**	47.5	SAF40S04	SMW	SRE45GL	SGU25W
	400	1-1/2	**SAF40-S-04-R5-G-W1**	47.5	SAF40S04	SMW1	SRE45GL	SGU25W
25° STANCHION MOUNT	70	1-1/4	**SAF07-S-04-R5-G-S**	34.0	SAF07S04	SMS	SRE25GL	SGU25W
	70	1-1/2	**SAF07-S-04-R5-G-S1**	34.0	SAF07S04	SMS1	SRE25GL	SGU25W
	100	1-1/4	**SAF10-S-04-R5-G-S**	34.0	SAF10S04	SMS	SRE25GL	SGU25W
	100	1-1/2	**SAF10-S-04-R5-G-S1**	34.0	SAF10S04	SMS1	SRE25GL	SGU25W
	150④	1-1/4	**SAF15-S-04-R5-G-S**	35.3	SAF15S04	SMS	SRE25GL	SGU25W
	150④	1-1/2	**SAF15-S-04-R5-G-S1**	35.3	SAF15S04	SMS1	SRE25GL	SGU25W
	250	1-1/4	**SAF25-S-04-R5-G-S**	47.1	SAF25S04	SMS	SRE45GL	SGU25W
	250	1-1/2	**SAF25-S-04-R5-G-S1**	47.1	SAF25S04	SMS1	SRE45GL	SGU25W
	400	1-1/4	**SAF40-S-04-R5-G-S**	47.1	SAF40S04	SMS	SRE45GL	SGU25W
	400	1-1/2	**SAF40-S-04-R5-G-S1**	47.1	SAF40S04	SMS1	SRE45GL	SGU25W
90° STANCHION MOUNT	70	1-1/4	**SAF07-S-04-R5-G-L**	34.0	SAF07S04	SML	SRE25GL	SGU25W
	70	1-1/2	**SAF07-S-04-R5-G-L1**	34.0	SAF07S04	SML1	SRE25GL	SGU25W
	100	1-1/4	**SAF10-S-04-R5-G-L**	34.0	SAF10S04	SML	SRE25GL	SGU25W
	100	1-1/2	**SAF10-S-04-R5-G-L1**	34.0	SAF10S04	SML1	SRE25GL	SGU25W
	150④	1-1/4	**SAF15-S-04-R5-G-L**	35.3	SAF15S04	SML	SRE25GL	SGU25W
	150④	1-1/2	**SAF15-S-04-R5-G-L1**	35.3	SAF15S04	SML1	SRE25GL	SGU25W
	250	1-1/4	**SAF25-S-04-R5-G-L**	47.1	SAF25S04	SML	SRE45GL	SGU25W
	250	1-1/2	**SAF25-S-04-R5-G-L1**	47.1	SAF25S04	SML1	SRE45GL	SGU25W
	400	1-1/4	**SAF40-S-04-R5-G-L**	47.1	SAF40S04	SML	SRE45GL	SGU25W
	400	1-1/2	**SAF40-S-04-R5-G-L1**	47.1	SAF40S04	SML1	SRE45GL	SGU25W

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Metal Halide with Globe and Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
RIGID PENDANT	70	3/4	**SAF07-H-04-GG-P**	27.3	SAF07H04	SMP	SGL25T	SGU25P
	70	1	**SAF07-H-04-GG-P1**	27.3	SAF07H04	SMP1	SGL25T	SGU25P
	175	3/4	**SAF17-H-04-GG-P-PS**	30.2	SAF17H04PS	SMP	SGL25T	SGU25P
	175	1	**SAF17-H-04-GG-P1-PS**	30.2	SAF17H04PS	SMP1	SGL25T	SGU25P
	250	3/4	**SAF25-H-04-GG-P-PS**	32.4	SAF25H04PS	SMP	SGL25T	SGU25P
	250	1	**SAF25-H-04-GG-P1-PS**	32.4	SAF25H04PS	SMP1	SGL25T	SGU25P
	400	3/4	**SAF40-H-04-GG-P-PS**	44.3	SAF40H04PS	SMP	SGL40T	SGU40SS
	400	1	**SAF40-H-04-GG-P1-PS**	44.3	SAF40H04PS	SMP1	SGL40T	SGU40SS
FLEXIBLE PENDANT	70	3/4	**SAF07-H-04-GG-F**	26.8	SAF07H04	SMF	SGL25T	SGU25P
	70	1	**SAF07-H-04-GG-F1**	26.8	SAF07H04	SMF1	SGL25T	SGU25P
	175	3/4	**SAF17-H-04-GG-F-PS**	30.2	SAF17H04PS	SMF	SGL25T	SGU25P
	175	1	**SAF17-H-04-GG-F1-PS**	30.2	SAF17H04PS	SMF1	SGL25T	SGU25P
	250	3/4	**SAF25-H-04-GG-F-PS**	32.4	SAF25H04PS	SMF	SGL25T	SGU25P
	250	1	**SAF25-H-04-GG-F1-PS**	32.4	SAF25H04PS	SMF1	SGL25T	SGU25P
	400	3/4	**SAF40-H-04-GG-F-PS**	42.7	SAF40H04PS	SMF	SGL40T	SGU40SS
	400	1	**SAF40-H-04-GG-F1-PS**	42.7	SAF40H04PS	SMF1	SGL40T	SGU40SS
CEILING MOUNT	70	3/4	**SAF07-H-04-GG-C**	28.1	SAF07H04	SMC	SGL25T	SGU25P
	70	1	**SAF07-H-04-GG-C1**	28.1	SAF07H04	SMC1	SGL25T	SGU25P
	176	3/4	**SAF17-H-04-GG-C-PS**	30.5	SAF17H04PS	SMC	SGL25T	SGU25P
	175	1	**SAF17-H-04-GG-C1-PS**	30.5	SAF17H04PS	SMC1	SGL25T	SGU25P
	250	3/4	**SAF25-H-04-GG-C-PS**	33.0	SAF25H04PS	SMC	SGL25T	SGU25P
	250	1	**SAF25-H-04-GG-C1-PS**	33.0	SAF25H04PS	SMC1	SGL25T	SGU25P
	400	3/4	**SAF40-H-04-GG-C-PS**	45.3	SAF40H04PS	SMC	SGL40T	SGU40SS
	400	1	**SAF40-H-04-GG-C1-PS**	45.3	SAF40H04PS	SMC1	SGL40T	SGU40SS

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Fixtures are for use with 55V (ANSI S55) lamps only. If a fixture or housing is required for use with 100V (ANSI S56) lamp, consult factory.

Refer to Certification Guide to determine suitability of individual fixture.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Metal Halide with Globe and Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
WALL MOUNT	70	3/4	**SAF07-H-04-GG-W-PS**	29.7	SAF07H04PS	SMW	SGL25T	SGU25P
	70	1	**SAF07-H-04-GG-W1-PS**	29.7	SAF07H04PS	SMW1	SGL25T	SGU25P
	175	3/4	**SAF17-H-04-GG-W-PS**	34.1	SAF17H04PS	SMW	SGL25T	SGU25P
	175	1	**SAF17-H-04-GG-W1-PS**	34.1	SAF17H04PS	SMW1	SGL25T	SGU25P
	250	3/4	**SAF25-H-04-GG-W-PS**	36.7	SAF25H04PS	SMW	SGL25T	SGU25P
	250	1	**SAF25-H-04-GG-W1-PS**	36.7	SAF25H04PS	SMW1	SGL25T	SGU25P
	400	3/4	**SAF40-H-04-GG-W-PS**	51.1	SAF40H04PS	SMW	SGL40T	SGU40SS
	400	1	**SAF40-H-04-GG-W1-PS**	51.1	SAF40H04PS	SMW1	SGL40T	SGU40SS
25° STANCHION MOUNT	70	3/4	**SAF07-H-04-GG-S-PS**	28.5	SAF07H04PS	SMS	SGL25T	SGU25P
	70	1	**SAF07-H-04-GG-S1-PS**	28.5	SAF07H04PS	SMS1	SGL25T	SGU25P
	175	3/4	**SAF17-H-04-GG-S-PS**	32.7	SAF17H04PS	SMS	SGL25T	SGU25P
	175	1	**SAF17-H-04-GG-S1-PS**	32.7	SAF17H04PS	SMS1	SGL25T	SGU25P
	250	3/4	**SAF25-H-04-GG-S-PS**	34.8	SAF25H04PS	SMS	SGL25T	SGU25P
	250	1	**SAF255-H-04-GG-S1-PS**	34.8	SAF25H04PS	SMS1	SGL25T	SGU25P
	400	3/4	**SAF40-H-04-GG-S-PS**	47.1	SAF40H04PS	SMS	SGL40T	SGU40SS
	400	1	**SAF40-H-04-GG-S1-PS**	47.1	SAF40H04PS	SMS1	SGL40T	SGU40SS
90° STANCHION MOUNT	70	3/4	**SAF07-H-04-GG-L-PS**	28.5	SAF07H04PS	SML	SGL25T	SGU25P
	70	1	**SAF07-H-04-GG-L1-PS**	28.5	SAF07H04PS	SML1	SGL25T	SGU25P
	175	3/4	**SAF17-H-04-GG-L-PS**	32.7	SAF17H04PS	SML	SGL25T	SGU25P
	175	1	**SAF17-H-04-GG-L1-PS**	32.7	SAF17H04PS	SML1	SGL25T	SGU25P
	250	3/4	**SAF25-H-04-GG-L-PS**	34.8	SAF25H04PS	SML	SGL25T	SGU25P
	250	1	**SAF25-H-04-GG-L1-PS**	34.8	SAF25H04PS	SML1	SGL25T	SGU25P
	400	3/4	**SAF40-H-04-GG-L-PS**	47.1	SAF40H04PS	SML	SGL40T	SGU40SS
	400	1	**SAF40-H-04-GG-L1-PS**	47.1	SAF40H04PS	SML1	SGL40T	SGU40SS

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Fixtures are for use with 55V (ANSI S55) lamps only. If a fixture or housing is required for use with 100V (ANSI S56) lamp, consult factory.

Refer to Certification Guide to determine suitability of individual fixture.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Metal Halide with Threaded Refractor and Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
RIGID PENDANT	70	3/4	**SAFR07-H-04-T5G-P**	26.3	SAFR07H04	SMP	SRT25GL	SXP25WG
	70	1	**SAFR07-H-04-T5G-P1**	26.3	SAFR07H04	SMP1	SRT25GL	SXP25WG
	175	3/4	**SAFR17-H-04-T5G-P-PS**	28.1	SAFR17H04PS	SMP	SRT25GL	SXP25WG
	175	1	**SAFR17-H-04-T5G-P1-PS**	28.1	SAFR17H04PS	SMP1	SRT25GL	SXP25WG
	250	3/4	**SAFR25-H-04-T5G-P-PS**	30.4	SAFR25H04PS	SMP	SRT25GL	SXP25WG
	250	1	**SAFR25-H-04-T5G-P1-PS**	30.4	SAFR25H04PS	SMP1	SRT25GL	SXP25WG
FLEXIBLE PENDANT	70	3/4	**SAFR07-H-04-T5G-F**	26.3	SAFR07H04	SMF	SRT25GL	SXP25WG
	70	1	**SAFR07-H-04-T5G-F1**	26.3	SAFR07H04	SMF1	SRT25GL	SXP25WG
	175	3/4	**SAFR17-H-04-T5G-F-PS**	28.1	SAFR17H04PS	SMF	SRT25GL	SXP25WG
	175	1	**SAFR17-H-04-T5G-F1-PS**	28.1	SAFR17H04PS	SMF1	SRT25GL	SXP25WG
	250	3/4	**SAFR25-H-04-T5G-F-PS**	30.4	SAFR25H04PS	SMF	SRT25GL	SXP25WG
	250	1	**SAFR25-H-04-T5G-F1-PS**	30.4	SAFR25H04PS	SMF1	SRT25GL	SXP25WG
CEILING MOUNT	70	3/4	**SAFR07-H-04-T5G-C**	27.4	SAFR07H04	SMC	SRT25GL	SXP25WG
	70	1	**SAFR07-H-04-T5G-C1**	27.4	SAFR07H04	SMC1	SRT25GL	SXP25WG
	175	3/4	**SAFR17-H-04-T5G-C-PS**	29.3	SAFR17H04PS	SMC	SRT25GL	SXP25WG
	175	1	**SAFR17-H-04-T5G-C1-PS**	29.3	SAFR17H04PS	SMC1	SRT25GL	SXP25WG
	250	3/4	**SAFR25-H-04-T5G-C-PS**	31.0	SAFR25H04PS	SMC	SRT25GL	SXP25WG
	250	1	**SAFR25-H-04-T5G-C1-PS**	31.0	SAFR25H04PS	SMC1	SRT25GL	SXP25WG

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Fixtures are for use with 55V (ANSI S55) lamps only. If a fixture or housing is required for use with 100V (ANSI S56) lamp, consult factory.

Refer to Certification Guide to determine suitability of individual fixture.

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Metal Halide with Threaded Refractor and Guard 70-400 Watts (continued)

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
WALL MOUNT	70	1-1/4	**SAFR07-H-04-T5G-W**	33.5	SAFR07H04	SMW	SRT25GL	SXP25WG
	70	1-1/2	**SAFR07-H-04-T5G-W1**	33.5	SAFR07H04	SMW1	SRT25GL	SXP25WG
	175	1-1/4	**SAFR17-H-04-T5G-W-PS**	35.4	SAFR17H04PS	SMW	SRT25GL	SXP25WG
	175	1-1/2	**SAFR17-H-04-T5G-W1-PS**	35.4	SAFR17H04PS	SMW1	SRT25GL	SXP25WG
	250	1-1/4	**SAFR25-H-04-T5G-W-PS**	37.7	SAFR25H04PS	SMW	SRT25GL	SXP25WG
	250	1-1/2	**SAFR25-H-04-T5G-W1-PS**	37.7	SAFR25H04PS	SMW1	SRT25GL	SXP25WG
25° STANCHION MOUNT	70	1-1/4	**SAFR07-H-04-T5G-S**	31.5	SAFR07H04	SMS	SRT25GL	SXP25WG
	70	1-1/2	**SAFR07-H-04-T5G-S1**	31.5	SAFR07H04	SMS1	SRT25GL	SXP25WG
	175	1-1/4	**SAFR17-H-04-T5G-S-PS**	33.3	SAFR17H04PS	SMS	SRT25GL	SXP25WG
	175	1-1/2	**SAFR17-H-04-T5G-S1-PS**	33.3	SAFR17H04PS	SMS1	SRT25GL	SXP25WG
	250	1-1/4	**SAFR25-H-04-T5G-S-PS**	35.8	SAFR25H04PS	SMS	SRT25GL	SXP25WG
	250	1-1/2	**SAFR25-H-04-T5G-S1-PS**	35.8	SAFR25H04PS	SMS1	SRT25GL	SXP25WG
90° STANCHION MOUNT	70	1/1/4	**SAFR07-H-04-T5G-L**	31.5	SAFR07H04	SML	SRT25GL	SXP25WG
	70	1-1/2	**SAFR07-H-04-T5G-L1**	31.5	SAFR07H04	SML1	SRT25GL	SXP25WG
	175	1-1/4	**SAFR17-H-04-T5G-L-PS**	33.3	SAFR17H04PS	SML	SRT25GL	SXP25WG
	175	1-1/2	**SAFR17-H-04-T5G-L1-PS**	33.3	SAFR17H04PS	SML1	SRT25GL	SXP25WG
	250	1-1/4	**SAFR25-H-04-T5G-L-PS**	35.8	SAFR25H04PS	SML	SRT25GL	SXP25WG
	250	1/1/2	**SAFR25-H-04-T5G-L1-PS**	35.8	SAFR25H04PS	SML1	SRT25GL	SXP25WG

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Fixtures are for use with 55V (ANSI S55) lamps only. If a fixture or housing is required for use with 100V (ANSI S56) lamp, consult factory.

Refer to Certification Guide to determine suitability of individual fixture.

Fixtures with Refractors are not suitable to be ordered with reflectors.

HIGH PRESSURE SODIUM • METAL HALIDE • COMPACT FLUORESCENT

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Metal Halide with Refractor and Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor③	Guard
RIGID PENDANT	70	3/4	**SAF07-H-04-R5-G-P**	32.5	SAF07H04	SMP	SRE25GL	SGU25W
	70	1	**SAF07-H-04-R5-G-P1**	32.5	SAF07H04	SMP1	SRE25GL	SGU25W
	175	3/4	**SAF17-H-04-R5-G-P-PS**	34.4	SAF17H04PS	SMP	SRE25GL	SGU25W
	175	1	**SAF17-H-04-R5-G-P1-PS**	34.4	SAF17H04PS	SMP1	SRE25GL	SGU25W
	250	3/4	**SAF25-H-04-R5-G-P-PS**	36.6	SAF25H04PS	SMP	SRE25GL	SGU25W
	250	1	**SAF25-H-04-R5-G-P1-PS**	36.6	SAF25H04PS	SMP1	SRE25GL	SGU25W
	400	3/4	**SAF40-H-04-R5-G-P-PS**	44.0	SAF40H04PS	SMP	SRE45GL	SGU25W
	400	1	**SAF40-H-04-R5-G-P1-PS**	44.0	SAF40H04PS	SMP1	SRE45GL	SGU25W
FLEXIBLE PENDANT	70	3/4	**SAF07-H-04-R5-G-F**	32.5	SAF07H04	SMF	SRE25GL	SGU25W
	70	1	**SAF07-H-04-R5-G-F1**	32.5	SAF07H04	SMF1	SRE25GL	SGU25W
	175	3/4	**SAF17-H-04-R5-G-F-PS**	34.4	SAF17H04PS	SMF	SRE25GL	SGU25W
	175	1	**SAF17-H-04-R5-G-F1-PS**	34.4	SAF17H04PS	SMF1	SRE25GL	SGU25W
	250	3/4	**SAF25-H-04-R5-G-F1-PS**	36.6	SAF25H04PS	SMF	SRE25GL	SGU25W
	250	1	**SAF25-H-04-R5-G-F1-PS**	36.6	SAF25H04PS	SMF1	SRE25GL	SGU25W
	400	3/4	**SAF40-H-04-R5-G-F-PS**	44.0	SAF40H04PS	SMF	SRE45GL	SGU25W
	400	1	**SAF40-H-04-R5-G-F1-PS**	44.0	SAF40H04PS	SMF1	SRE45GL	SGU25W
CEILING MOUNT	70	3/4	**SAF07-H-04-R5-G-C**	32.2	SAF07H04	SMC	SRE25GL	SGU25W
	70	1	**SAF07-H-04-R5-G-C1**	32.2	SAF07H04	SMC1	SRE25GL	SGU25W
	175	3/4	**SAF17-H-04-R5-G-C-PS**	35.3	SAF17H04PS	SMC	SRE25GL	SGU25W
	175	1	**SAF17-H-04-R5-G-C1-PS**	35.3	SAF17H04PS	SMC1	SRE25GL	SGU25W
	250	3/4	**SAF25-H-04-R5-G-C-PS**	37.4	SAF25H04PS	SMC	SRE25GL	SGU25W
	250	1	**SAF25-H-04-R5-G-C1-PS**	37.4	SAF25H04PS	SMC1	SRE25GL	SGU25W
	400	3/4	**SAF40-H-04-R5-G-C-PS**	44.7	SAF40H04PS	SMC	SRE45GL	SGU25W
	400	1	**SAF40-H-04-R5-G-C1-PS**	44.7	SAF40H04PS	SMC1	SRE45GL	SGU25W

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Catalog Nos. shown are for fixtures with IES Type V closed bottom glass refractors, for other type refractors, refer to Catalog Number Logic page.

Refer to Certification Guide to determine suitability of individual fixture. Fixtures with Refractors are not suitable to ordered with reflectors.

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Metal Halide with Refractor and Guard 70-400 Watts (continued)

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor③	Guard
WALL MOUNT	70	3/4	**SAF07-H-04-R5-G-W**	36.4	SAF07H04	SMW	SRE25GL	SGU25W
	70	1	**SAF07-H-04-R5-G-W1**	36.4	SAF07H04	SMW1	SRE25GL	SGU25W
	175	3/4	**SAF17-H-04-R5-G-W-PS**	38.9	SAF17H04PS	SMW	SRE25GL	SGU25W
	175	1	**SAF17-H-04-R5-G-W1-PS**	38.9	SAF17H04PS	SMW1	SRE25GL	SGU25W
	250	3/4	**SAF25-H-04-R5-G-W-PS**	41.1	SAF25H04PS	SMW	SRE45GL	SGU25W
	250	1	**SAF25-H-04-R5-G-W1-PS**	41.1	SAF25H04PS	SMW1	SRE45GL	SGU25W
	400	3/4	**SAF40-H-04-R5-G-W-PS**	48.5	SAF40H04PS	SMW	SRE45GL	SGU25W
	400	1	**SAF40-H-04-R5-G-W1-PS**	48.5	SAF40H04PS	SMW1	SRE45GL	SGU25W
25° STANCHION MOUNT	70	1-1/4	**SAF07-H-04-R5-G-S**	36.4	SAFH07S04	SMS	SRE25GL	SGU25W
	70	1-1/2	**SAF07-H-04-R5-G-S1**	36.4	SAFH07S04	SMS1	SRE25GL	SGU25W
	175	1-1/4	**SAF17-H-04-R5-G-S-PS**	38.9	SAF17H04PS	SMS	SRE25GL	SGU25W
	175	1-1/2	**SAF17-H-04-R5-G-S1-PS**	38.9	SAF17H04PS	SMS1	SRE25GL	SGU25W
	250	1-1/4	**SAF25-H-04-R5-G-S-PS**	41.1	SAF25H04PS	SMS	SRE45GL	SGU25W
	250	1-1/2	**SAF25-H-04-R5-G-S1-PS**	41.1	SAF25H04PS	SMS1	SRE45GL	SGU25W
	400	1-1/4	**SAF40-H-04-R5-G-S-PS**	48.5	SAF40H04PS	SMS	SRE45GL	SGU25W
	400	1-1/2	**SAF40-H-04-R5-G-S1-PS**	48.5	SAF40H04PS	SMS1	SRE45GL	SGU25W
90° STANCHION MOUNT	70	1-1/4	**SAF07-H-04-R5-G-L**	35.2	SAF07H04	SML	SRE25GL	SGU25W
	70	1-1/2	**SAF07-H-04-R5-G-L1**	35.2	SAF07H04	SML1	SRE25GL	SGU25W
	175	1-1/4	**SAF17-H-04-R5-G-L-PS**	37.1	SAF17H04PS	SML	SRE25GL	SGU25W
	175	1-1/2	**SAF17-H-04-R5-G-L1-PS**	37.1	SAF17H04PS	SML1	SRE25GL	SGU25W
	250	1-1/4	**SAF25-H-04-R5-G-L-PS**	39.2	SAF25H04PS	SML	SRE45GL	SGU25W
	250	1-1/2	**SAF25-H-04-R5-G-L1-PS**	39.2	SAF25H04PS	SML1	SRE45GL	SGU25W
	400	1-1/4	**SAF40-H-04-R5-G-L-PS**	46.5	SAF40H04PS	SML	SRE45GL	SGU25W
	400	1-1/2	**SAF40-H-04-R5-G-L1-PS**	46.5	SAF40H04PS	SML1	SRE45GL	SGU25W

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Catalog Nos. shown are for fixtures with IES Type V closed bottom glass refractors, for other type refractors, refer to Catalog Number Logic page.

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Fluorescent with Globe and Guard 26-84 Watts

(Lamps included)

Mounting Style	Lamp Watts	Conduit Size (in.)	Catalog Number Universal Voltage②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe	Guard
RIGID PENDANT	26	3/4	**SAF26-F-U-GG-P**	17.6	SAF26FU	SMP	SGL25T	SGU25P
	26	1	**SAF26-F-U-GG-P1**	17.6	SAF26FU	SMP1	SGL25T	SGU25P
	32	3/4	**SAF32-F-U-GG-P**	17.6	SAF32FU	SMP	SGL25T	SGU25P
	32	1	**SAF32-F-U-GG-P1**	17.6	SAF32FU	SMP1	SGL25T	SGU25P
	42	3/4	**SAF42-F-U-GG-P**	17.6	SAF42FU	SMP	SGL25T	SGU25P
	42	1	**SAF42-F-U-GG-P1**	17.6	SAF42FU	SMP1	SGL25T	SGU25P
	52①	3/4	**SAF52-F-U-GG-P**	17.8	SAF52FU	SMP	SGL25T	SGU25P
	52①	1	**SAF52-F-U-GG-P1**	17.8	SAF52FU	SMP1	SGL25T	SGU25P
	64①	3/4	**SAF64-F-U-GG-P**	17.8	SAF64FU	SMP	SGL25T	SGU25P
	64①	1	**SAF64-F-U-GG-P1**	17.8	SAF64FU	SMP1	SGL25T	SGU25P
	84①	3/4	**SAF84-F-U-GG-P**	17.8	SAF84FU	SMP	SGL25T	SGU25P
	84①	1	**SAF84-F-U-GG-P1**	17.8	SAF84FU	SMP1	SGL25T	SGU25P
FLEXIBLE PENDANT	26	3/4	**SAF26-F-U-GG-F**	17.6	SAF26FU	SMF	SGL25T	SGU25P
	26	1	**SAF26-F-U-GG-F1**	17.6	SAF26FU	SMF1	SGL25T	SGU25P
	32	3/4	**SAF32-F-U-GG-F**	17.6	SAF32FU	SMF	SGL25T	SGU25P
	32	1	**SAF32-F-U-GG-F1**	17.6	SAF32FU	SMF1	SGL25T	SGU25P
	42	3/4	**SAF42-F-U-GG-F**	17.6	SAF42FU	SMF	SGL25T	SGU25P
	42	1	**SAF42-F-U-GG-F1**	17.6	SAF42FU	SMF1	SGL25T	SGU25P
	52①	3/4	**SAF52-F-U-GG-F**	17.8	SAF52FU	SMF	SGL25T	SGU25P
	52①	1	**SAF52-F-U-GG-F1**	17.8	SAF52FU	SMF1	SGL25T	SGU25P
	64①	3/4	**SAF64-F-U-GG-F**	17.8	SAF64FU	SMF	SGL25T	SGU25P
	64①	1	**SAF64-F-U-GG-F1**	17.8	SAF64FU	SMF1	SGL25T	SGU25P
	84①	3/4	**SAF84-F-U-GG-F**	17.8	SAF84FU	SMF	SGL25T	SGU25P
	84①	1	**SAF84-F-U-GG-F1**	17.8	SAF84FU	SMF1	SGL25T	SGU25P
CEILING MOUNT	26	3/4	**SAF26-F-U-GG-C**	18.0	SAF26FU	SMC	SGL25T	SGU25P
	26	1	**SAF26-F-U-GG-C1**	18.0	SAF26FU	SMC1	SGL25T	SGU25P
	32	3/4	**SAF32-F-U-GG-C**	18.0	SAF32FU	SMC	SGL25T	SGU25P
	32	1	**SAF32-F-U-GG-C1**	18.0	SAF32FU	SMC1	SGL25T	SGU25P
	42	3/4	**SAF42-F-U-GG-C**	18.0	SAF42FU	SMC	SGL25T	SGU25P
	42	1	**SAF42-F-U-GG-C1**	18.0	SAF42FU	SMC1	SGL25T	SGU25P
	52①	3/4	**SAF52-F-U-GG-C**	18.2	SAF52FU	SMC	SGL25T	SGU25P
	52①	1	**SAF52-F-U-GG-C1**	18.2	SAF52FU	SMC1	SGL25T	SGU25P
	64①	3/4	**SAF64-F-U-GG-C**	18.2	SAF64FU	SMC	SGL25T	SGU25P
	64①	1	**SAF64-F-U-GG-C1**	18.2	SAF64FU	SMC1	SGL25T	SGU25P
	84①	3/4	**SAF84-F-U-GG-C**	18.2	SAF84FU	SMC	SGL25T	SGU25P
	84①	1	**SAF84-F-U-GG-C1**	18.2	SAF84FU	SMC1	SGL25T	SGU25P

① 52 (2-26W Lamps); 64 (2-32W Lamps); 84 (2-42W Lamps)
② 120V thru 277V AC, 50/60HZ; 125V DC

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Fluorescent with Globe and Guard 26-84 Watts (continued)

(Lamps included)

Mounting Style	Lamp Watts	Conduit Size (in.)	Catalog Number Universal Voltage②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe	Guard
WALL MOUNT	26	3/4	**SAF26-F-U-GG-W**	20.7	SAF26FU	SMW	SGL25T	SGU25P
	26	1	**SAF26-F-U-GG-W1**	207.	SAF26FU	SMW1	SGL25T	SGU25P
	32	3/4	**SAF32-F-U-GG-W**	20.7	SAF32FU	SMW	SGL25T	SGU25P
	32	1	**SAF32-F-U-GG-W1**	20.7	SAF32FU	SMW1	SGL25T	SGU25P
	42	3/4	**SAF42-F-U-GG-W**	20.7	SAF42FU	SMW	SGL25T	SGU25P
	42	1	**SAF42-F-U-GG-W1**	20.7	SAF42FU	SMW1	SGL25T	SGU25P
	52①	3/4	**SAF52-F-U-GG-W**	20.9	SAF52FU	SMW	SGL25T	SGU25P
	52①	1	**SAF52-F-U-GG-W1**	20.9	SAF52FU	SMW1	SGL25T	SGU25P
	64①	3/4	**SAF64-F-U-GG-W**	20.9	SAF64FU	SMW	SGL25T	SGU25P
	64①	1	**SAF64-F-U-GG-W1**	20.9	SAF64FU	SMW1	SGL25T	SGU25P
	84①	3/4	**SAF84-F-U-GG-W**	20.9	SAF84FU	SMW	SGL25T	SGU25P
	84①	1	**SAF84-F-U-GG-W1**	20.9	SAF84FU	SMW1	SGL25T	SGU25P
25° STANCHION MOUNT	26	1-1/4	**SAF26-F-U-GG-S**	18.6	SAF26FU	SMS	SGL25T	SGU25P
	26	1-1/2	**SAF26-F-U-GG-S1**	18.6	SAF26FU	SMS1	SGL25T	SGU25P
	32	1-1/4	**SAF32-F-U-GG-S**	18.6	SAF32FU	SMS	SGL25T	SGU25P
	32	1-1/2	**SAF32-F-U-GG-S1**	18.6	SAF32FU	SMS1	SGL25T	SGU25P
	42	1-1/4	**SAF42-F-U-GG-S**	18.6	SAF42FU	SMS	SGL25T	SGU25P
	42	1-1/2	**SAF42-F-U-GG-S1**	18.6	SAF42FU	SMS1	SGL25T	SGU25P
	52①	1-1/4	**SAF52-F-U-GG-S**	18.8	SAF52FU	SMS	SGL25T	SGU25P
	52①	1-1/2	**SAF52-F-U-GG-S1**	18.8	SAF52FU	SMS1	SGL25T	SGU25P
	64①	1-1/4	**SAF64-F-U-GG-S**	18.8	SAF64FU	SMS	SGL25T	SGU25P
	64①	1-1/2	**SAF64-F-U-GG-S1**	18.8	SAF64FU	SMS1	SGL25T	SGU25P
	84①	1-1/4	**SAF84-F-U-GG-S**	18.8	SAF84FU	SMS	SGL25T	SGU25P
	84①	1-1/2	**SAF84-F-U-GG-S1**	18.8	SAF84FU	SMS1	SGL25T	SGU25P
90° STANCHION MOUNT	26	1-1/4	**SAF26-F-U-GG-L**	18.6	SAF26FU	SML	SGL25T	SGU25P
	26	1-1/2	**SAF26-F-U-GG-L1**	18.6	SAF26FU	SML1	SGL25T	SGU25P
	32	1-1/4	**SAF32-F-U-GG-L**	18.6	SAF32FU	SML	SGL25T	SGU25P
	32	1-1/2	**SAF32-F-U-GG-L1**	18.6	SAF32FU	SML1	SGL25T	SGU25P
	42	1-1/4	**SAF42-F-U-GG-L**	18.6	SAF42FU	SML	SGL25T	SGU25P
	42	1-1/2	**SAF42-F-U-GG-L1**	18.6	SAF42FU	SML1	SGL25T	SGU25P
	52①	1-1/4	**SAF52-F-U-GG-L**	18.8	SAF52FU	SML	SGL25T	SGU25P
	52①	1-1/2	**SAF52-F-U-GG-L1**	18.8	SAF52FU	SML1	SGL25T	SGU25P
	64①	1-1/4	**SAF64-F-U-GG-L**	18.8	SAF64FU	SML	SGL25T	SGU25P
	64①	1-1/2	**SAF64-F-U-GG-L1**	18.8	SAF64FU	SML1	SGL25T	SGU25P
	84①	1-1/4	**SAF84-F-U-GG-L**	18.8	SAF84FU	SML	SGL25T	SGU25P
	84①	1-1/2	**SAF84-F-U-GG-L1**	18.8	SAF84FU	SML1	SGL25T	SGU25P

① 52 (2-26W Lamps); 64 (2-32W Lamps); 84 (2-42W Lamps)
② 120V thru 277V AC, 50/60HZ; 125V DC

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Fluorescent with Threaded Refractor and Guard 26-84 Watts

(Lamps included)

Mounting Style	Lamp Watts	Conduit Size (in.)	Catalog Number Universal Voltage②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor③	Guard
RIGID PENDANT	26	3/4	**SAFR26-F-U-T5G-P**	22.4	SAFR26FU	SMP	SRT25GL	SXP25WG
	26	1	**SAFR26-F-U-T5G-P1**	22.4	SAFR26FU	SMP1	SRT25GL	SXP25WG
	32	3/4	**SAFR32-F-U-T5G-P**	22.4	SAFR32FU	SMP	SRT25GL	SXP25WG
	32	1	**SAFR32-F-U-T5G-P1**	22.4	SAFR32FU	SMP1	SRT25GL	SXP25WG
	42	3/4	**SAFR42-F-U-T5G-P**	22.4	SAFR42FU	SMP	SRT25GL	SXP25WG
	42	1	**SAFR42-F-U-T5G-P1**	22.4	SAFR42FU	SMP1	SRT25GL	SXP25WG
	52①	3/4	**SAFR52-F-U-T5G-P**	22.7	SAFR52FU	SMP	SRT25GL	SXP25WG
	52①	1	**SAFR52-F-U-T5G-P1**	22.7	SAFR52FU	SMP1	SRT25GL	SXP25WG
	64①	3/4	**SAFR64-F-U-T5G-P**	22.7	SAFR64FU	SMP	SRT25GL	SXP25WG
	64①	1	**SAFR64-F-U-T5G-P1**	22.7	SAFR64FU	SMP1	SRT25GL	SXP25WG
	84①	3/4	**SAFR84-F-U-T5G-P**	22.7	SAFR84FU	SMP	SRT25GL	SXP25WG
	84①	1	**SAFR84-F-U-T5G-P1**	22.7	SAFR84FU	SMP1	SRT25GL	SXP25WG
FLEXIBLE PENDANT	26	3/4	**SAFR26-F-U-T5G-F**	22.4	SAFR26FU	SMF	SRT25GL	SXP25WG
	26	1	**SAFR26-F-U-T5G-F1**	22.4	SAFR26FU	SMF1	SRT25GL	SXP25WG
	32	3/4	**SAFR32-F-U-T5G-F**	22.4	SAFR32FU	SMF	SRT25GL	SXP25WG
	32	1	**SAFR32-F-U-T5G-F1**	22.4	SAFR32FU	SMF1	SRT25GL	SXP25WG
	42	3/4	**SAFR42-F-U-T5G-F**	22.4	SAFR42FU	SMF	SRT25GL	SXP25WG
	42	1	**SAFR42-F-U-T5G-F1**	22.4	SAFR42FU	SMF1	SRT25GL	SXP25WG
	52①	3/4	**SAFR52-F-U-T5G-F**	22.7	SAFR52FU	SMF	SRT25GL	SXP25WG
	52①	1	**SAFR52-F-U-T5G-F1**	22.7	SAFR52FU	SMF1	SRT25GL	SXP25WG
	64①	3/4	**SAFR64-F-U-T5G-F**	22.7	SAFR64FU	SMF	SRT25GL	SXP25WG
	64①	1	**SAFR64-F-U-T5G-F1**	22.7	SAFR64FU	SMF1	SRT25GL	SXP25WG
	84①	3/4	**SAFR84-F-U-T5G-F**	22.7	SAFR84FU	SMF	SRT25GL	SXP25WG
	84①	1	**SAFR84-F-U-T5G-F1**	22.7	SAFR84FU	SMF1	SRT25GL	SXP25WG
CEILING MOUNT	26	3/4	**SAFR26-F-U-T5G-C**	22.8	SAFR26FU	SMC	SRT25GL	SXP25WG
	26	1	**SAFR26-F-U-T5G-C1**	22.8	SAFR26FU	SMC1	SRT25GL	SXP25WG
	32	3/4	**SAFR32-F-U-T5G-C**	22.8	SAFR32FU	SMC	SRT25GL	SXP25WG
	32	1	**SAFR32-F-U-T5G-C1**	22.8	SAFR32FU	SMC1	SRT25GL	SXP25WG
	42	3/4	**SAFR42-F-U-T5G-C**	22.8	SAFR42FU	SMC	SRT25GL	SXP25WG
	42	1	**SAFR42-F-U-T5G-C1**	22.8	SAFR42FU	SMC1	SRT25GL	SXP25WG
	52①	3/4	**SAFR52-F-U-T5G-C**	23.1	SAFR52FU	SMC	SRT25GL	SXP25WG
	52①	1	**SAFR52-F-U-T5G-C1**	23.1	SAFR52FU	SMC1	SRT25GL	SXP25WG
	64①	3/4	**SAFR64-F-U-T5G-C**	23.1	SAFR64FU	SMC	SRT25GL	SXP25WG
	64①	1	**SAFR64-F-U-T5G-C1**	23.1	SAFR64FU	SMC1	SRT25GL	SXP25WG
	84①	3/4	**SAFR84-F-U-T5G-C**	23.1	SAFR84FU	SMC	SRT25GL	SXP25WG
	84①	1	**SAFR84-F-U-T5G-C1**	23.1	SAFR84FU	SMC1	SRT25GL	SXP25WG

① 52 (2-26W Lamps); 64 (2-32W Lamps); 84 (2-42W Lamps)
② 120V thru 277V AC, 50/60HZ; 125V DC
③ Catalog Nos. shown are for fixtures with IES Type V closed bottom glass refractors, for other type refractors, refer to Catalog Number Logic

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Fluorescent with Threaded Refractor and Guard 26-84 Watts (continued)

(Lamps included)

Mounting Style	Lamp Watts	Conduit Size (in.)	Catalog Number Universal Voltage②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor③	Guard
WALL MOUNT	26	3/4	**SAFR26-F-U-T5G-W**	25.5	SAFR26FU	SMW	SRT25GL	SXP25WG
	26	1	**SAFR26-F-U-T5G-W1**	25.5	SAFR26FU	SMW1	SRT25GL	SXP25WG
	32	3/4	**SAFR32-F-U-T5G-W**	25.5	SAFR32FU	SMW	SRT25GL	SXP25WG
	32	1	**SAFR32-F-U-T5G-W1**	25.5	SAFR32FU	SMW1	SRT25GL	SXP25WG
	42	3/4	**SAFR42-F-U-T5G-W**	25.5	SAFR42FU	SMW	SRT25GL	SXP25WG
	42	1	**SAFR42-F-U-T5G-W1**	25.5	SAFR42FU	SMW1	SRT25GL	SXP25WG
	52①	3/4	**SAFR52-F-U-T5G-W**	25.8	SAFR52FU	SMW	SRT25GL	SXP25WG
	52①	1	**SAFR52-F-U-T5G-W1**	25.8	SAFR52FU	SMW1	SRT25GL	SXP25WG
	64①	3/4	**SAFR64-F-U-T5G-W**	25.8	SAFR64FU	SMW	SRT25GL	SXP25WG
	64①	1	**SAFR64-F-U-T5G-W1**	25.8	SAFR64FU	SMW1	SRT25GL	SXP25WG
	84①	3/4	**SAFR84-F-U-T5G-W**	25.8	SAFR84FU	SMW	SRT25GL	SXP25WG
	84①	1	**SAFR84-F-U-T5G-W1**	25.8	SAFR84FU	SMW1	SRT25GL	SXP25WG
25° STANCHION MOUNT	26	1-1/4	**SAFR26-F-U-T5G-S**	23.4	SAFR26FU	SMS	SRT25GL	SXP25WG
	26	1-1/2	**SAFR26-F-U-T5G-S1**	23.4	SAFR26FU	SMS1	SRT25GL	SXP25WG
	32	1-1/4	**SAFR32-F-U-T5G-S**	23.4	SAFR32FU	SMS	SRT25GL	SXP25WG
	32	1-1/2	**SAFR32-F-U-T5G-S1**	23.4	SAFR32FU	SMS1	SRT25GL	SXP25WG
	42	1-1/4	**SAFR42-F-U-T5G-S**	23.4	SAFR42FU	SMS	SRT25GL	SXP25WG
	42	1-1/2	**SAFR42-F-U-T5G-S1**	23.4	SAFR42FU	SMS1	SRT25GL	SXP25WG
	52①	1-1/4	**SAFR52-F-U-T5G-S**	23.7	SAFR52FU	SMS	SRT25GL	SXP25WG
	52①	1-1/2	**SAFR52-F-U-T5G-S1**	23.7	SAFR52FU	SMS1	SRT25GL	SXP25WG
	64①	1-1/4	**SAFR64-F-U-T5G-S**	23.7	SAFR64FU	SMS	SRT25GL	SXP25WG
	64①	1-1/2	**SAFR64-F-U-T5G-S1**	23.7	SAFR64FU	SMS1	SRT25GL	SXP25WG
	84①	1-1/4	**SAFR84-F-U-T5G-S**	23.7	SAFR84FU	SMS	SRT25GL	SXP25WG
	84①	1-1/2	**SAFR84-F-U-T5G-S1**	23.7	SAFR84FU	SMS1	SRT25GL	SXP25WG
90° STANCHION MOUNT	26	1-1/4	**SAFR26-F-U-T5G-L**	23.4	SAFR26FU	SML	SRT25GL	SXP25WG
	26	1-1/2	**SAFR26-F-U-T5G-L1**	23.4	SAFR26FU	SML1	SRT25GL	SXP25WG
	32	1-1/4	**SAFR32-F-U-T5G-L**	23.4	SAFR32FU	SML	SRT25GL	SXP25WG
	32	1-1/2	**SAFR32-F-U-T5G-L1**	23.4	SAFR32FU	SML1	SRT25GL	SXP25WG
	42	1-1/4	**SAFR42-F-U-T5G-L**	23.4	SAFR42FU	SML	SRT25GL	SXP25WG
	42	1-1/2	**SAFR42-F-U-T5G-L1**	23.4	SAFR42FU	SML1	SRT25GL	SXP25WG
	52①	1-1/4	**SAFR52-F-U-T5G-L**	23.7	SAFR52FU	SML	SRT25GL	SXP25WG
	52①	1-1/2	**SAFR52-F-U-T5G-L1**	23..7	SAFR52FU	SML1	SRT25GL	SXP25WG
	64①	1-1/4	**SAFR64-F-U-T5G-L**	23.7	SAFR64FU	SML	SRT25GL	SXP25WG
	64①	1-1/2	**SAFR64-F-U-T5G-L1**	23.7	SAFR64FU	SML1	SRT25GL	SXP25WG
	84①	1-1/4	**SAFR84-F-U-T5G-L**	23.7	SAFR84FU	SML	SRT25GL	SXP25WG
	84①	1-1/2	**SAFR84-F-U-T5G-L1**	2..7	SAFR84FU	SML1	SRT25GL	SXP25WG

① 52 (2-26W Lamps); 64 (2-32W Lamps); 84 (2-42W Lamps)
② 120V thru 277V AC, 50/60HZ; 125V DC

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Fluorescent with Refractor and Guard 26-84 Watts

(Lamps included)

Mounting Style	Lamp Watts	Conduit Size (in.)	Catalog Number Universal Voltage②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor☒	Guard
RIGID PENDANT	26	3/4	**SAF26-F-U-R5G-P**	17.6	SAF26FU	SMP	SRE25GL	SGU25W
	26	1	**SAF26-F-U-R5G-P1**	17.6	SAF26FU	SMP1	SRE25GL	SGU25W
	32	3/4	**SAF32-F-U-R5G-P**	17.6	SAF32FU	SMP	SRE25GL	SGU25W
	32	1	**SAF32-F-U-R5G-P1**	17.6	SAF32FU	SMP1	SRE25GL	SGU25W
	42	3/4	**SAF42-F-U-R5G-P**	17.6	SAF42FU	SMP	SRE25GL	SGU25W
	42	1	**SAF42-F-U-R5G-P1**	17.6	SAF42FU	SMP1	SRE25GL	SGU25W
	52①	3/4	**SAF52-F-U-R5G-P**	17.8	SAF52FU	SMP	SRE25GL	SGU25W
	52①	1	**SAF52-F-U-R5G-P1**	17.8	SAF52FU	SMP1	SRE25GL	SGU25W
	64①	3/4	**SAF64-F-U-R5G-P**	17.8	SAF64FU	SMP	SRE25GL	SGU25W
	64①	1	**SAF64-F-U-R5G-P1**	17.8	SAF64FU	SMP1	SRE25GL	SGU25W
	84①	3/4	**SAF84-F-U-R5G-P**	17.8	SAF84FU	SMP	SRE25GL	SGU25W
	84①	1	**SAF84-F-U-R5G-P1**	17.8	SAF84FU	SMP1	SRE25GL	SGU25W
FLEXIBLE PENDANT	26	3/4	**SAF26-F-U-R5G-F**	17.6	SAF26FU	SMF	SRE25GL	SGU25W
	26	1	**SAF26-F-U-R5G-F1**	17.6	SAF26FU	SMF1	SRE25GL	SGU25W
	32	3/4	**SAF32-F-U-R5G-F**	17.6	SAF32FU	SMF	SRE25GL	SGU25W
	32	1	**SAF32-F-U-R5G-F1**	17.6	SAF32FU	SMF1	SRE25GL	SGU25W
	42	3/4	**SAF42-F-U-R5G-F**	17.6	SAF42FU	SMF	SRE25GL	SGU25W
	42	1	**SAF42-F-U-R5G-F1**	17.6	SAF42FU	SMF1	SRE25GL	SGU25W
	52①	3/4	**SAF52-F-U-R5G-F**	17.8	SAF52FU	SMF	SRE25GL	SGU25W
	52①	1	**SAF52-F-U-R5G-F1**	17.8	SAF52FU	SMF1	SRE25GL	SGU25W
	64①	3/4	**SAF64-F-U-R5G-F**	17.8	SAF64FU	SMF	SRE25GL	SGU25W
	64①	1	**SAF64-F-U-R5G-F1**	17.8	SAF64FU	SMF1	SRE25GL	SGU25W
	84①	3/4	**SAF84-F-U-R5G-F**	17.8	SAF84FU	SMF	SRE25GL	SGU25W
	84①	1	**SAF84-F-U-R5G-F1**	17.8	SAF84FU	SMF1	SRE25GL	SGU25W
CEILING MOUNT	26	3/4	**SAF26-F-U-R5G-C**	18.0	SAF26FU	SMC	SRE25GL	SGU25W
	26	1	**SAF26-F-U-R5G-C1**	18.0	SAF26FU	SMC1	SRE25GL	SGU25W
	32	3/4	**SAF32-F-U-R5G-C**	18.0	SAF32FU	SMC	SRE25GL	SGU25W
	32	1	**SAF32-F-U-E5G-C1**	18.0	SAF32FU	SMC1	SRE25GL	SGU25W
	42	3/4	**SAF42-F-U-R5G-C**	18.0	SAF42FU	SMC	SRE25GL	SGU25W
	42	1	**SAF42-F-U-R5G-C1**	18.0	SAF42FU	SMC1	SRE25GL	SGU25W
	52①	3/4	**SAF52-F-U-R5G-C**	18.2	SAF52FU	SMC	SRE25GL	SGU25W
	52①	1	**SAF52-F-U-R5G-C1**	18.2	SAF52FU	SMC1	SRE25GL	SGU25W
	64①	3/4	**SAF64-F-U-R5G-C**	18.2	SAF64FU	SMC	SRE25GL	SGU25W
	64①	1	**SAF64-F-U-R5G-C1**	18.2	SAF64FU	SMC1	SRE25GL	SGU25W
	84①	3/4	**SAF84-F-U-R5G-C**	18.2	SAF84FU	SMC	SRE25GL	SGU25W
	84①	1	**SAF84-F-U-R5G-C1**	18.2	SAF84FU	SMC1	SRE25GL	SGU25W







① 52 (2-26W Lamps); 64 (2-32W Lamps); 84 (2-42W Lamps)
②120V thru 277V AC, 50/60HZ; 125V DC

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Fluorescent with Refractor and Guard 26-84 Watts (continued)

(Lamps included)

Mounting Style	Lamp Watts	Conduit Size (in.)	Catalog Number Universal Voltage②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor③	Guard
WALL MOUNT	26	3/4	**SAF26-F-U-GG-W**	31.5	SAF26FU	SMW	SRE25GL	SGU25W
	26	1	**SAF26-F-U-GG-W1**	31.5	SAF26FU	SMW1	SRE25GL	SGU25W
	32	3/4	**SAF32-F-U-GG-W**	31.5	SAF32FU	SMW	SRE25GL	SGU25W
	32	1	**SAF32-F-U-GG-W1**	31.5	SAF32FU	SMW1	SRE25GL	SGU25W
	42	3/4	**SAF42-F-U-GG-W**	31.5	SAF42FU	SMW	SRE25GL	SGU25W
	42	1	**SAF42-F-U-GG-W1**	31.5	SAF42FU	SMW1	SRE25GL	SGU25W
	52①	3/4	**SAF52-F-U-GG-W**	31.7	SAF52FU	SMW	SRE25GL	SGU25W
	52①	1	**SAF52-F-U-GG-W1**	31.7	SAF52FU	SMW1	SRE25GL	SGU25W
	64①	3/4	**SAF64-F-U-GG-W**	31.7	SAF64FU	SMW	SRE25GL	SGU25W
	64①	1	**SAF64-F-U-GG-W1**	31.7	SAF64FU	SMW1	SRE25GL	SGU25W
	84①	3/4	**SAF84-F-U-GG-W**	31.7	SAF84FU	SMW	SRE25GL	SGU25W
	84①	1	**SAF84-F-U-GG-W1**	31.7	SAF84FU	SMW1	SRE25GL	SGU25W
25° STANCHION MOUNT	26	1-1/4	**SAF26-F-U-GG-S**	29.4	SAF26FU	SMS	SRE25GL	SGU25W
	26	1-1/2	**SAF26-F-U-GG-S1**	29.4	SAF26FU	SMS1	SRE25GL	SGU25W
	32	1-1/4	**SAF32-F-U-GG-S**	29.4	SAF32FU	SMS	SRE25GL	SGU25W
	32	1-1/2	**SAF32-F-U-GG-S1**	29.4	SAF32FU	SMS1	SRE25GL	SGU25W
	42	1-1/4	**SAF42-F-U-GG-S**	29.4	SAF42FU	SMS	SRE25GL	SGU25W
	42	1-1/2	**SAF42-F-U-GG-S1**	29.4	SAF42FU	SMS1	SRE25GL	SGU25W
	52①	1-1/4	**SAF52-F-U-GG-S**	29.6	SAF52FU	SMS	SRE25GL	SGU25W
	52①	1-1/2	**SAF52-F-U-GG-S1**	29.6	SAF52FU	SMS1	SRE25GL	SGU25W
	64①	1-1/4	**SAF64-F-U-GG-S**	29.6	SAF64FU	SMS	SRE25GL	SGU25W
	64①	1-1/2	**SAF64-F-U-GG-S1**	29.6	SAF64FU	SMS1	SRE25GL	SGU25W
	84①	1-1/4	**SAF84-F-U-GG-S**	29.6	SAF84FU	SMS	SRE25GL	SGU25W
	84①	1-1/2	**SAF84-F-U-GG-S1**	29.6	SAF84FU	SMS1	SRE25GL	SGU25W
90° STANCHION MOUNT	26	1-1/4	**SAF26-F-U-GG-L**	29.4	SAF26FU	SML	SRE25GL	SGU25W
	26	1-1/2	**SAF26-F-U-GG-L1**	29.4	SAF26FU	SML1	SRE25GL	SGU25W
	32	1-1/4	**SAF32-F-U-GG-L**	29.4	SAF32FU	SML	SRE25GL	SGU25W
	32	1-1/2	**SAF32-F-U-GG-L1**	29.4	SAF32FU	SML1	SRE25GL	SGU25W
	42	1-1/4	**SAF42-F-U-GG-L**	29.4	SAF42FU	SML	SRE25GL	SGU25W
	42	1-1/2	**SAF42-F-U-GG-L1**	29.4	SAF42FU	SML1	SRE25GL	SGU25W
	52①	1-1/4	**SAF52-F-U-GG-L**	29.6	SAF52FU	SML	SRE25GL	SGU25W
	52①	1-1/2	**SAF52-F-U-GG-L1**	29.6	SAF52FU	SML1	SRE25GL	SGU25W
	64①	1-1/4	**SAF64-F-U-GG-L**	29.6	SAF64FU	SML	SRE25GL	SGU25W
	64①	1-1/2	**SAF64-F-U-GG-L1**	29.6	SAF64FU	SML1	SRE25GL	SGU25W
	84①	1-1/4	**SAF84-F-U-GG-L**	29.6	SAF84FU	SML	SRE25GL	SGU25W
	84①	1-1/2	**SAF84-F-U-GG-L1**	29.6	SAF84FU	SML1	SRE25GL	SGU25W

① 52 (2-26W Lamps); 64 (2-32W Lamps); 84 (2-42W Lamps)
② 120V thru 277V AC, 50/60HZ; 125V DC

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Fluorescent Emergency



- Emergency illumination meets OSHA, Life Safety Code (NFPA 101), and National Electric Code (NFPA 70) requirements
- Provides up to 700 lumens of initial light output in emergency mode
- Provides at least 90 minutes of illumination in emergency mode
- Sealed, maintenance free nickel cadmium batteries with a life expectancy of 7-10 years
- Self contained unitized construction
- Starting temperature 0°C (32°F)

SAF emergency series luminaires are also available in 26, 32, 52, 64 & 84 watts. See catalog number logic on page 195 for options.

(Lamps included)

Fixture Type	Description	Conduit Size (In.)	Voltage①	Catalog Number	Shipping Weight (Lbs.)
Emergency Only Operation	Stanchion/Pendant/Ceiling Mount (1) 42 Watt Fluorescent lamps	3/4	120v/60HZ	SAF42-F-12-GG-C-EMO	22.2
		1	120v/60HZ	SAF42-F-12-GG-C1-EMO	22.2
	Wall Mount (1) 42 Watt Fluorescent lamps	3/4	120v/60HZ	SAF42-F-12-GG-W-EMO	28.23
		1	120v/60HZ	SAF42-F-12-GG-W1-EMO	28.23
Emergency and Normal Operation	Stanchion/Pendant/Ceiling Mount (1) 42 Watt Fluorescent lamps	3/4	120v/60HZ	SAF42-F-12-GG-C-EM	24.1
		1	120v/60HZ	SAF42-F-12-GG-C1-EM	24.1
	Wall Mount (1) 42 Watt Fluorescent lamps	3/4	120v/60HZ	SAF42-F-12-GG-W-EM	30.13
		1	120v/60HZ	SAF42-F-12-GG-W1-EM	30.13

① Fixtures and housing are shown with 120V 60 HZ ballast. For 277V 60 HZ ballast, refer to Catalog Number Logic page 125.
Refer to Certification Guide on page 126 to determine suitability of individual fixture.

Certification Guide

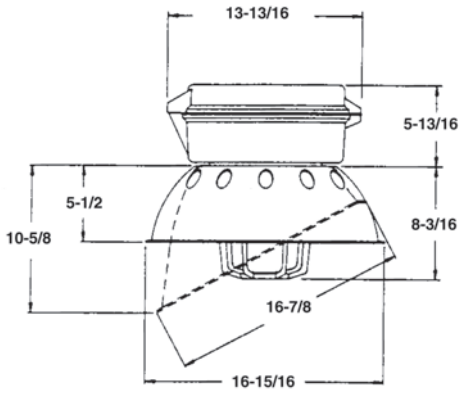
Model	Ambient Temperature °C	Lamp Watts	Class I, Division 2 Groups A,B, C, D (When Used With)			Class II, Division 1, Class III (When Used With)			Supply Wire Suitable Temperature °C	UL1598A Outdoor
			Globe	Globe w/ Reflector	Refractor	Groups	Globe	Refractor		
SAF26F	40	26W	T3	T3	T3B	E,F,G	T4A	T6	90	YES
SAF32F	40	32W	T2B	T2B	T2B	E,F,G	T4A	T4	90	YES
SAF42F	40	42W	T2D	T2D	T2D	E,F,G	T3C	T4A	90	YES
SAF52F	40	52W (2 X 26W)	T2B	T2B	T2B	E,F,G	T4A	T4	90	YES
SAF64F	40	64W (2 X 32W)	T2B	T2B	T2B	E,F,G	T4A	T4	90	YES
SAF84F	40	84W (2 X 42W)	T2A	T2A	T2A	E,F,G	T4A	T4	90	YES

SAF Series

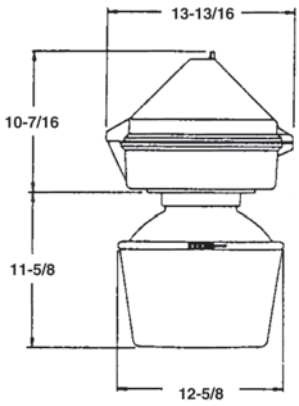
Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium 70, 100 & 150 Watt
Metal Halide 175 & 250 Watt
CFL 26/32/42/52/64 & 84 Watt

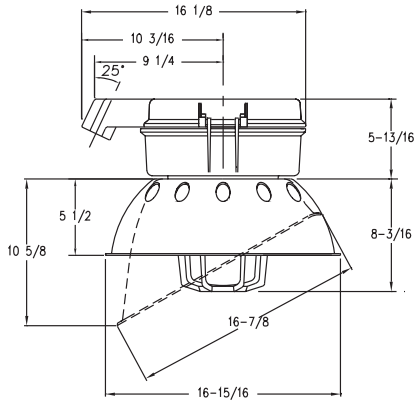
Fixture Dimensions (inches)



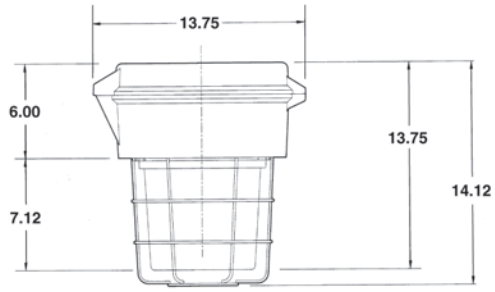
RIGID, FLEX PENDANT
with Globe, Guard and Reflector



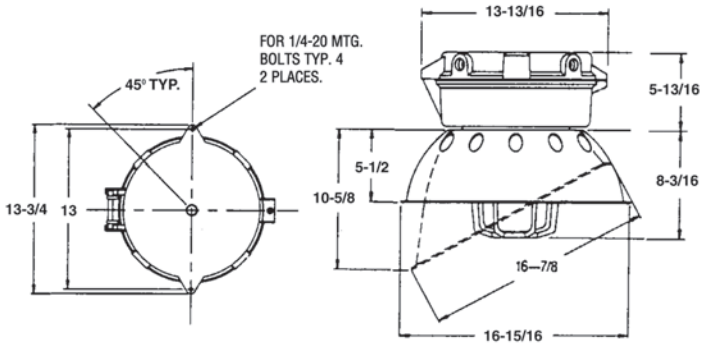
CONE MOUNT
with Refractor



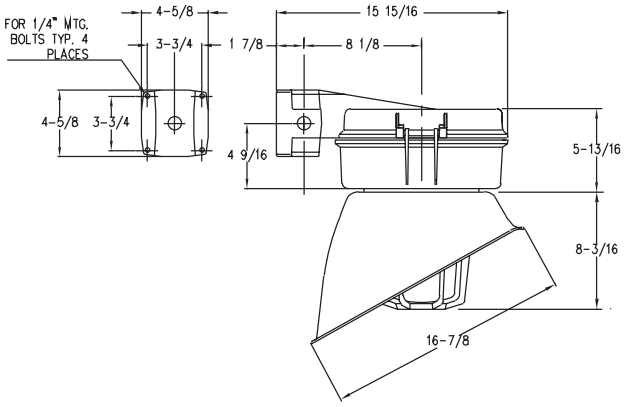
STANCHION MOUNT
with Globe, Guard and Reflector



PENDANT MOUNT
with Threaded Glass Refractor and Guard



CEILING MOUNT
with Globe, Guard and Reflector



WALL MOUNT
with Globe, Guard and Reflector

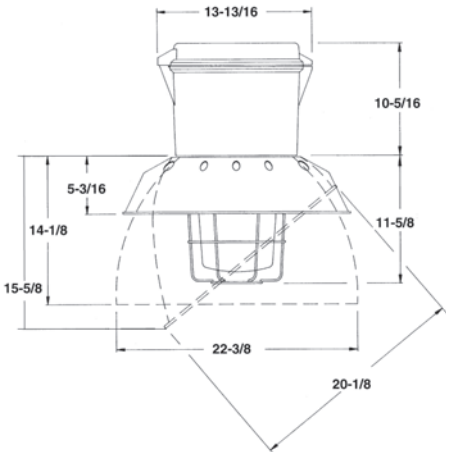
★ Refer to Certification Guide on page 126 to determine suitability of individual fixture.

SAF Series

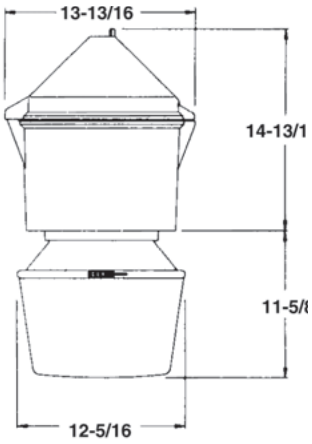
Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium 250 & 400 Watt
Metal Halide 320, 350 & 400 Watt

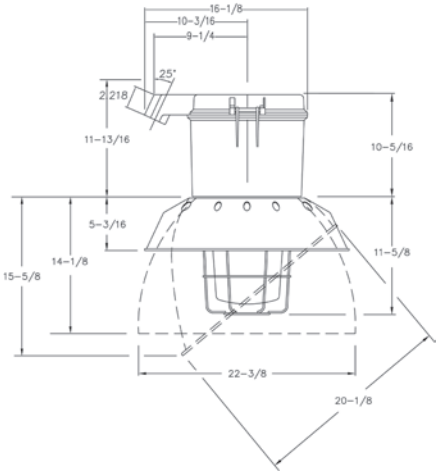
Fixture Dimensions (inches)



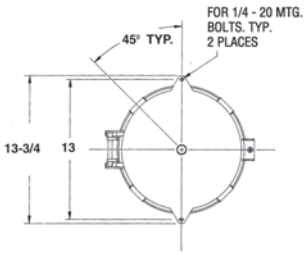
RIGID, FLEX PENDANT
with Globe, Guard and Reflector

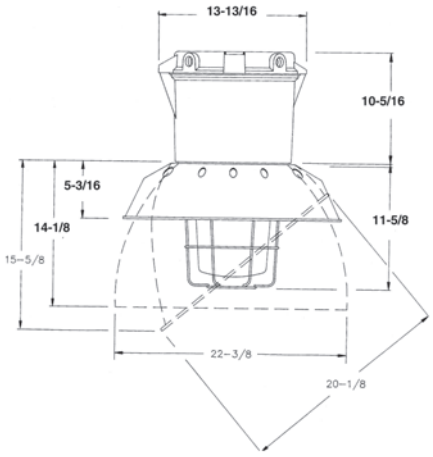


CONE MOUNT
with Refractor

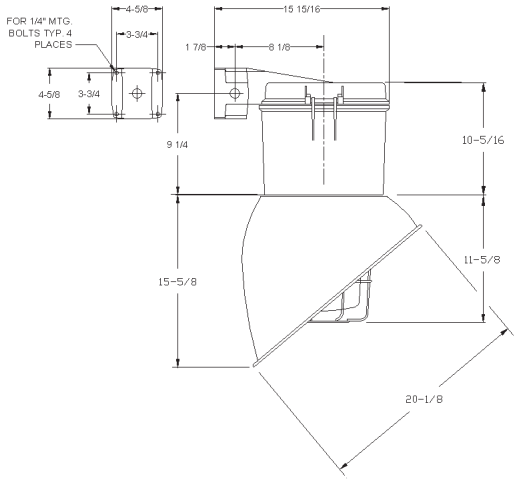


STANCHION MOUNT
with Globe, Guard and Reflector





CEILING MOUNT
with Globe, Guard and Reflector



WALL MOUNT
with Globe, Guard and Reflector.

★ Refer to Certification Guide on page 126 to determine suitability of individual fixture.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Coefficients of Utilization

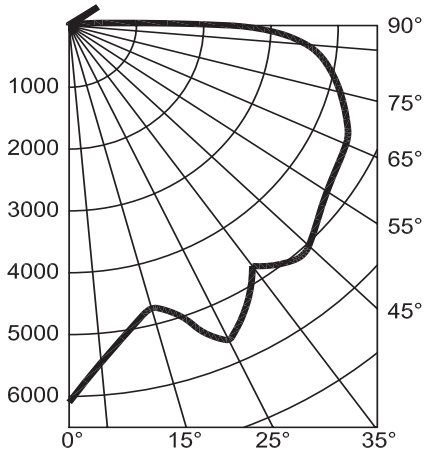
SAF40-H-04-HD-XX

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.97	.97	.97	.89	.89	.89	.80	.80	.80
1	.78	.78	.67	.71	.66	.63	.62	.60	.57
2	.65	.65	.51	.59	.53	.48	.52	.48	.44
3	.55	.55	.40	.50	.43	.38	.44	.39	.35
4	.48	.48	.33	.44	.37	.31	.39	.33	.29
5	.42	.42	.27	.39	.31	.26	.34	.29	.24
6	.38	.38	.23	.34	.27	.22	.31	.25	.21
7	.34	.34	.20	.31	.24	.19	.28	.22	.18
8	.31	.31	.18	.28	.22	.17	.25	.20	.16
9	.28	.28	.16	.26	.19	.15	.23	.18	.14
10	.26	.26	.14	.24	.18	.13	.22	.17	.13

Candlepower Distribution

Deg.	Norm
5	5471
15	4671
25	5540
35	4749
45	5041
55	4680
65	4542
75	4172
85	3541
90	2406

Photometric Data



SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Accessories

OUTLET BOXES	Catalog No.	Conduit Hub Size (In.)	Shipping Weight (Lbs.)
RIGID PENDANT 	SMP	3/4	3.3
	SMP1	1	3.3
FLEXIBLE PENDANT 	SMF	3/4	3.3
	SMF1	1	3.3
CEILING MOUNT 	SMC	3/4	4.1
	SMC1	3/4	4.1
CONE MOUNT 	SMK	3/4	14.5
	SMK1	1	14.5
WALL MOUNT 	SMW	3/4	7.8
	SMW1	1	7.8
STANCHION MOUNT (25°) 	SMS	1 1/4	5.9
	SMS1	1 1/2	5.9
STANCHION MOUNT (90°) 	SML	1 1/4	5.9
	SML1	1 1/2	5.9

Refer to Certification Guide to determine suitability of individual fixture.

REFLECTORS②	Catalog No.	Description	Shipping Weight (Lbs.)
	SR25D①	Standard Dome Reflector Fiberglass Reinforced Polyester for use with 5-1/2 in. dia. Globe	2.0
	SR40D①	Standard Dome Reflector Fiberglass Reinforced Polyester for use with 7-3/4 in. dia. Globe	3.0
	SR40DD①	Deep Dome Reflector Clear Prismatic Acrylic for use with 7-3/4 in. dia. Globe	7.0
	SR25A	30° Angle Reflector Fiberglass Reinforced Polyester for use with 5-1/2 in. dia. Globe	2.0
	SR40A	30° Angle Reflector Fiberglass Reinforced Polyester for use with 7-3/4 in. dia. Globe	4.5
	SR40HB①	High Bay Aluminum Reflector with baked on white enamel for use with 7-3/4 in. dia. Globe	5.0

① Not suitable for wall mount applications, fixtures with quartz option or with R2, R3 or R5 refractor

② Not suitable fixtures with quartz option or with R2, R3 or R5 refractor

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Accessories

GUARDS	Catalog No.	Description	Shipping Weight (Lbs.)
	SGU25P	Fiberglass Reinforced Polycarbonate Guard for use with 5-1/2 in. dia. Globe	.33
	SGU25SS	Stainless Steel Guard for use with 5-1/2 in. dia. Globe	.20
	SGU40SS	Stainless Steel Guard for use with 7-3/4 in. dia. Globe	2.0
	SGU25W	Wire Guard for Glass Refractors (R Type Refractors)	2.0
	SXP25WG	Wire Guard For Threaded Globe Refractors (T Type Refractors)	1.50

Refer to Certification Guide to determine suitability of individual fixture.
Cast Guards Available

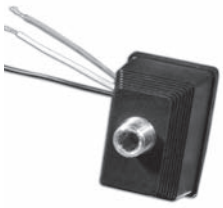
GLASS GLOBE	Catalog No.	Description	Shipping Weight (Lbs.)
	SGL25T	Heat and Impact Resistant Prismatic Glass Globe 250 Watt Max. (5-1/2 in. dia.)	4.0
	SGL40T	Heat and Impact Resistant Prismatic Glass Globe 400 Watt Max. (7-3/4 in. dia.)	8.0

FUSE KIT	Catalog No.	Description	Shipping Weight (Lbs.)
	SBF600	Open fuse block kit- 600 volt AC maximum.	.06

SAFETY CABLE	Catalog No.	Shipping Weight (Lbs.)
	10128R	1.0

SAF Series

Accessories

PHOTO CELL KIT*	Catalog No.	Description	Shipping Weight (Lbs.)
	SPH25-120	Automatic on-off switch at predetermined light levels. 120 volt only. REQUIRES FIELD INSTALLATION.	.19

* Not Suitable for hazardous locations.

HAZARDOUS LOCATION PHOTO CELL KIT	Catalog No.	Description	Shipping Weight (Lbs.)
	HLPC-120	Automatic on-off switch at predetermined light levels. (120 volt only) REQUIRES FIELD INSTALLATION.	.25
	HLPC-208-277		.25

Refer to Certification Guide to determine suitability of individual fixture.

GLASS REFRACTORS	Catalog No.	Description	Shipping Weight (Lbs.)
 Closed Bottom Glass Refractor. 12 in. dia. for use with 5-1/2 in. Globe Thread.	SRE22GL	IES Type II light distribution (asymmetrical)	11.0
	SRE23GL	IES Type III light distribution (asymmetrical)	
	SRE25GL	IES Type V light distribution (symmetrical)	
 Closed Bottom Glass Refractor. 12 in. dia. for use with 7-3/4 in. Globe Thread.	SRE42GL	IES Type II light distribution (asymmetrical)	11.0
	SRE43GL	IES Type III light distribution (asymmetrical)	
	SRE45GL	IES Type V light distribution (symmetrical)	
 Closed Bottom Threaded Glass Refractor. For use with 7-3/4 in. Globe Thread.	SRT21GL	IES Type I light distribution (asymmetrical)	6.6
	SRT23GL	IES Type III light distribution (asymmetrical)	
	SRT25GL	IES Type V light distribution (symmetrical)	

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAFJ SERIES

Hazardous Location Medium Base HID

SAFJ

- Class I, Division 2, Groups A, B, C, & D
- Class II, Division 1 & 2, Groups E & F
- Class III
- Simultaneous Presence
- Enclosed & Gasketed
- Wet Locations
- NEMA 3R, 4X
- IP66
- UL 1598A Marine Outside Type
- UL 844 Hazardous Locations
- CUL
- ABS Type Approved



ABS TYPE APPROVED PRODUCT

c UL us LISTED

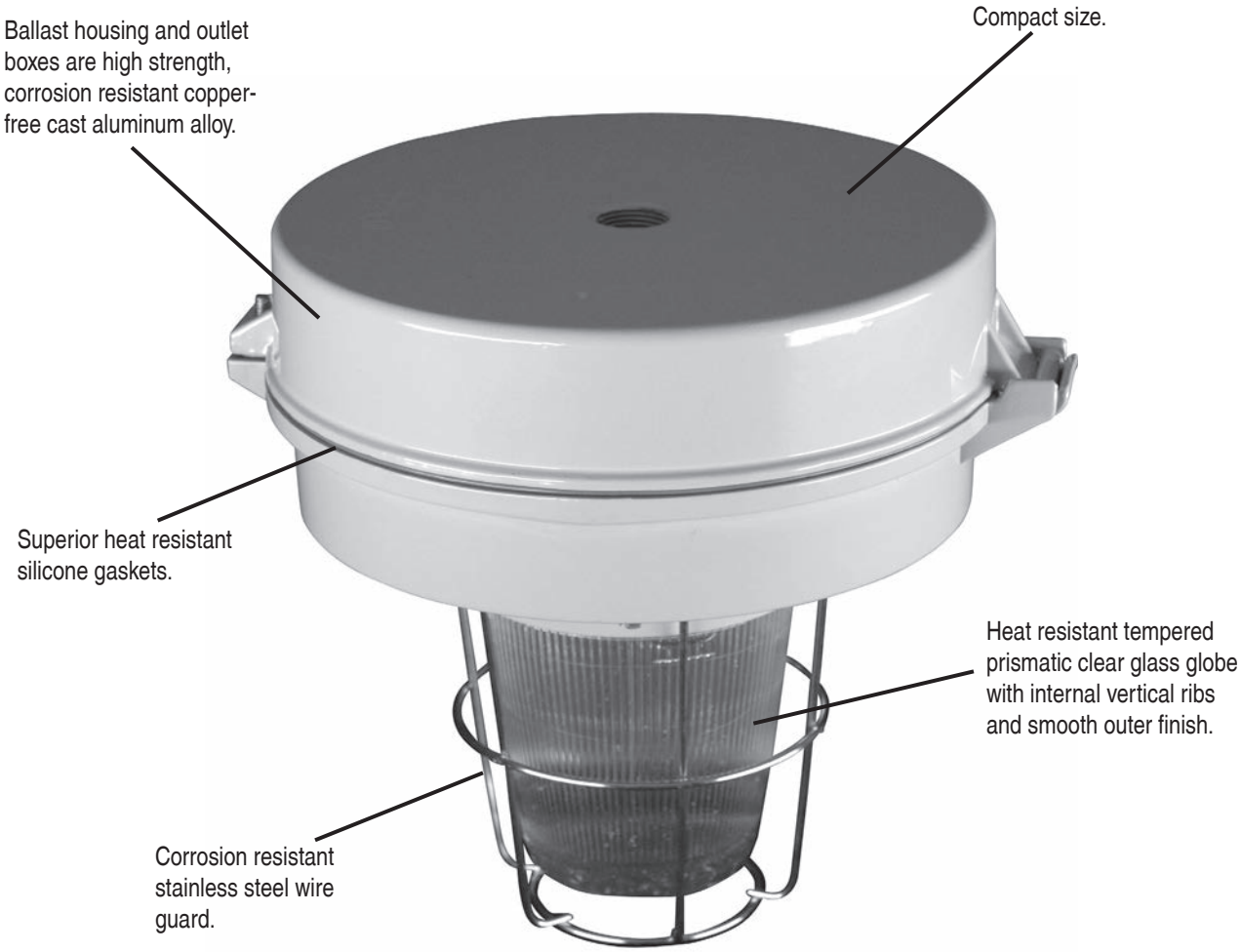
MARINE UL LISTED

AZZ™

713.943.0340 | azz.com/rigalite

SAFJ SERIES

Hazardous Locations Medium Base HID



- Exterior surfaces are covered with corrosion and chemical resistant baked-on epoxy finish.
- External hardware is stainless steel, stainless steel inserts are available as an option.
- Optional external dome or angle reflectors are corrosion, impact and heat resistant molded polycarbonate.

SAFJ Series

Hazardous Locations • Class I, Division 2, Class II, Class III • UL 1598A • UL 844 • Wet Locations • CUL

Catalog Number Logic

SAFJ 10-H-04-GG-P-XX

1 2 3 4 5 6 7

1 BASIC SERIES[1]

SAFJ Medium Base HID
Class I, Division 2, Groups A, B, C, & D
Class II, Division 1 & 2, Groups E & F
Class III
Simultaneous Presence
Enclosed & Gasketed
Wet Locations
UL 1598A Marine Outside Type
UL 844 Hazardous Locations
NEMA 3R,4X
IP66
CUL
ABS Type Approved

2 LAMP CURRENT/LAMP WATTAGE

03 = 35 Watt
05 = 50 Watt
07 = 70 Watt
10 = 100 Watt

3 LAMP TYPE (Medium Base)

S = High Pressure Sodium
(35, 50, 70, & 100 Watt)
H = Metal Halide
(50, 70 & 100 Watt)

4 BALLAST VOLTAGE

04 = Multi-tap (120, 208, 220, 240 & 277V)
12 = 120V 60 HZ
20 = 208V 60 HZ
22 = 220/240V 50 HZ
24 = 240V 60 HZ
27 = 277V 60 HZ
34 = 347V 60 HZ
48 = 480V 60 HZ
(Available in 70 & 100W HPS and 100 W MH)

5 GLOBE & GUARD

GG = Globe & Guard
G = Globe only

6 MOUNTING STYLE

P = ¾" Pendant Mount
P1 = 1" Pendant Mount
F = ¾" Flexible Pendant Mount
F1 = 1" Flexible Pendant Mount
C = ¾" Ceiling Mount
C1 = 1" Ceiling Mount
W = ¾" Wall Mount
W1 = 1" Wall Mount
S = 1-¼" 25°Stanchion Mount
S1 = 1-½" 25°Stanchion Mount
L = 1-¼" 90°Stanchion Mount
L1 = 1-½" 90°Stanchion Mount

7 OPTIONS[2]

SS = Stainless Steel Inserts
FB1 = Single Fuse Block[3,4]
FB2 = Double Fuse Block[3,4]
TB = Terminal block
R = Instant Restrike (HPS Only)

[1] Refer to Certification Guide on page 154 to determine suitability of individual fixture.
[2] Consult factory for pricing.
[3] Not available with Multi-tap ballast unless incoming voltage is specified. When installed, one fuse block is provided for 120 & 277V and two fuse blocks are provided for 208, 220, 240, 347 and 480V. Fuse not provided.
[4] FB option not available for marine listed fixtures.

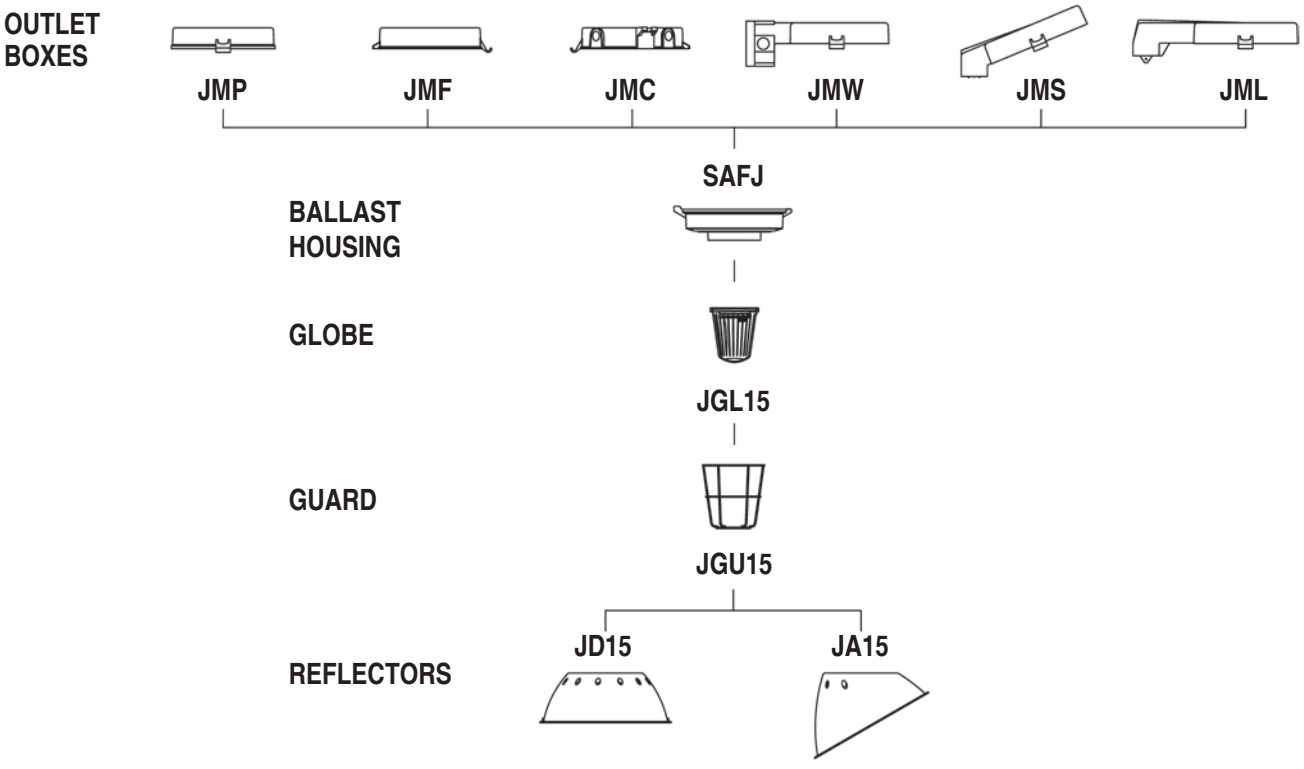
Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

SAFJ Series

Hazardous Locations • Class I, Division 2, Class II, Class III • UL 1598A • UL 844 • Wet Locations • CUL

Certification Guide

Model	Ambient Temperature °C	Lamp		Class I, Division 2 Groups A,B, C, D (When Used With)		Class II, Division 1, Class III (When Used With)		
		Type	Watts	Globe	Globe w/ Reflector	Groups	Globe	Globe w/ Reflector
SAFJ03S	40	HPS	35	T2D	T2D	E,F	T3A	T3A
SAFJ03S	55	HPS	35	T2C	T2C	E,F	T3A	T3A
SAFJ03S	65	HPS	35	T2B	T2B	E,F	T3A	T3A
SAFJ05S	40	HPS	50	T2D	T2D	E,F	T3A	T3A
SAFJ05S	55	HPS	50	T2C	T2C	E,F	T3A	T3A
SAFJ05S	65	HPS	50	T2B	T2B	E,F	T3A	T3A
SAFJ07S	40	HPS	70	T2A	T2A	E,F	T3A	T3A
SAFJ07S	55	HPS	70	T2	T2	E,F	T3A	T3A
SAFJ10S	40	HPS	100	T2A	T2A	E,F	T3A	T3A
SAFJ10S	55	HPS	100	T2	T2	E,F	T3A	T3A
SAFJ05H	40	MH	50	T2D	T2D	E,F	T3A	T3A
SAFJ05H	55	MH	50	T2C	T2C	E,F	T3A	T3A
SAFJ05H	65	MH	50	T2B	T2B	E,F	T3A	T3A
SAFJ07H	40	MH	70	T2B	T2B	E,F	T3A	T3A
SAFJ07H	55	MH	70	T2A	T2A	E,F	T3A	T3A
SAFJ10H	40	MH	100	T2	T2	E,F	T3A	T3A



SAFJ Series

Hazardous Locations • Class I, Division 2, Class II, Class III • UL 1598A • UL 844 • Wet Locations • CUL

High Pressure Sodium with Globe and Guard 35-100 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe	Guard
RIGID PENDANT	35	3/4	**SAFJ03-S-04-GG-P**	12	SAFJ03S04	JMP	JGL15	JGU15
	35	1	**SAFJ03-S-04-GG-P1**	12	SAFJ03S04	JMP1	JGL15	JGU15
	50	3/4	**SAFJ05-S-04-GG-P**	13	SAFJ05S04	JMP	JGL15	JGU15
	50	1	**SAFJ05-S-04-GG-P1**	13	SAFJ05S04	JMP1	JGL15	JGU15
	70	3/4	**SAFJ07-S-04-GG-P**	14	SAFJ07S04	JMP	JGL15	JGU15
	70	1	**SAFJ07-S-04-GG-P1**	14	SAFJ07S04	JMP1	JGL15	JGU15
	100	3/4	**SAFJ10-S-04-GG-P**	16	SAFJ10S04	JMP	JGL15	JGU15
	100	1	**SAFJ10-S-04-GG-P1**	16	SAFJ10S04	JMP1	JGL15	JGU15
FLEXIBLE PENDANT	35	3/4	**SAFJ03-S-04-GG-F**	12	SAFJ03S04	JMF	JGL15	JGU15
	35	1	**SAFJ03-S-04-GG-F1**	12	SAFJ03S04	JMF1	JGL15	JGU15
	50	3/4	**SAFJ05-S-04-GG-F**	13	SAFJ05S04	JMF	JGL15	JGU15
	50	1	**SAFJ05-S-04-GG-F1**	13	SAFJ05S04	JMF1	JGL15	JGU15
	70	3/4	**SAFJ07-S-04-GG-F**	14	SAFJ07S04	JMF	JGL15	JGU15
	70	1	**SAFJ07-S-04-GG-F1**	14	SAFJ07S04	JMF1	JGL15	JGU15
	100	3/4	**SAFJ10-S-04-GG-F**	16	SAFJ10S04	JMF	JGL15	JGU15
	100	1	**SAFJ10-S-04-GG-F1**	16	SAFJ10S04	JMF1	JGL15	JGU15
CEILING MOUNT	35	3/4	**SAFJ03-S-04-GG-C**	12.5	SAFJ03S04	JMC	JGL15	JGU15
	35	1	**SAFJ03-S-04-GG-C1**	12.5	SAFJ03S04	JMC1	JGL15	JGU15
	50	3/4	**SAFJ05-S-04-GG-C**	13.5	SAFJ05S04	JMC	JGL15	JGU15
	50	1	**SAFJ05-S-04-GG-C1**	13.5	SAFJ05S04	JMC1	JGL15	JGU15
	70	3/4	**SAFJ07-S-04-GG-C**	14.5	SAFJ07S04	JMC	JGL15	JGU15
	70	1	**SAFJ07-S-04-GG-C1**	14.5	SAFJ07S04	JMC1	JGL15	JGU15
	100	3/4	**SAFJ10-S-04-GG-C**	16.5	SAFJ10S04	JMC	JGL15	JGU15
	100	1	**SAFJ10-S-04-GG-C1**	16.5	SAFJ10S04	JMC1	JGL15	JGU15
WALL MOUNT	35	3/4	**SAFJ03-S-04-GG-W**	15	SAFJ03S04	JMW	JGL15	JGU15
	35	1	**SAFJ03-S-04-GG-W1**	15	SAFJ03S04	JMW1	JGL15	JGU15
	50	3/4	**SAFJ05-S-04-GG-W**	16	SAFJ05S04	JMW	JGL15	JGU15
	50	1	**SAFJ05-S-04-GG-W1**	16	SAFJ05S04	JMW1	JGL15	JGU15
	70	3/4	**SAFJ07-S-04-GG-W**	17	SAFJ07S04	JMW	JGL15	JGU15
	70	1	**SAFJ07-S-04-GG-W1**	17	SAFJ07S04	JMW1	JGL15	JGU15
	100	3/4	**SAFJ10-S-04-GG-W**	18	SAFJ10S04	JMW	JGL15	JGU15
	100	1	**SAFJ10-S-04-GG-W1**	18	SAFJ10S04	JMW1	JGL15	JGU15

① All fixtures are designed for Medium Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

Refer to Certification Guide to determine suitability of individual fixture.

SAFJ Series

High Pressure Sodium with Globe and Guard 35-100 Watts (continued)

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe	Guard
25° STANCHION MOUNT 	35	1-1/4	**SAFJ03-S-04-GG-S**	14	SAFJ03S04	JMS	JGL15	JGU15
	35	1-1/2	**SAFJ03-S-04-GG-S1**	14	SAFJ03S04	JMS1	JGL15	JGU15
	50	1-1/4	**SAFJ05-S-04-GG-S**	15	SAFJ05S04	JMS	JGL15	JGU15
	50	1-1/2	**SAFJ05-S-04-GG-S1**	15	SAFJ05S04	JMS1	JGL15	JGU15
	70	1-1/4	**SAFJ07-S-04-GG-S**	16	SAFJ07S04	JMS	JGL15	JGU15
	70	1-1/2	**SAFJ07-S-04-GG-S1**	16	SAFJ07S04	JMS1	JGL15	JGU15
	100	1-1/4	**SAFJ10-S-04-GG-S**	18	SAFJ10S04	JMS	JGL15	JGU15
	100	1-1/2	**SAFJ10-S-04-GG-S1**	18	SAFJ10S04	JMS1	JGL15	JGU15
90° STANCHION MOUNT 	35	1-1/4	**SAFJ03-S-04-GG-L**	15.5	SAFJ03S04	JML	JGL15	JGU15
	35	1-1/2	**SAFJ03-S-04-GG-L1**	15.5	SAFJ03S04	JML1	JGL15	JGU15
	50	1-1/4	**SAFJ05-S-04-GG-L**	16.5	SAFJ05S04	JML	JGL15	JGU15
	50	1-1/2	**SAFJ05-S-04-GG-L1**	16.5	SAFJ05S04	JML1	JGL15	JGU15
	70	1-1/4	**SAFJ07-S-04-GG-L**	17.5	SAFJ07S04	JML	JGL15	JGU15
	70	1-1/2	**SAFJ07-S-04-GG-L1**	17.5	SAFJ07S04	JML1	JGL15	JGU15
	100	1-1/4	**SAFJ10-S-04-GG-L**	19.5	SAFJ10S04	JML	JGL15	JGU15
	100	1-1/2	**SAFJ10-S-04-GG-L1**	19.5	SAFJ10S04	JML1	JGL15	JGU15

① All fixtures are designed for Medium Base lamps, with the lamp mounted in base-up position.
② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page
Refer to Certification Guide to determine suitability of individual fixture.

SAFJ Series

Hazardous Locations • Class I, Division 2, Class II, Class III • UL 1598A • UL 844 • Wet Locations • CUL

Metal Halide with Globe and Guard 50-100 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe	Guard
RIGID PENDANT 	50	3/4	**SAFJ05-H-04-GG-P**	14	SAFJ05H04	JMP	JGL15	JGU15
	50	1	**SAFJ05-H-04-GG-P1**	14	SAFJ05H04	JMP1	JGL15	JGU15
	70	3/4	**SAFJ07-H-04-GG-P**	14	SAFJ07H04	JMP	JGL15	JGU15
	70	1	**SAFJ07-H-04-GG-P1**	14	SAFJ07H04	JMP1	JGL15	JGU15
	100	3/4	**SAFJ10-H-04-GG-P**	15	SAFJ10H04	JMP	JGL15	JGU15
	100	1	**SAFJ10-H-04-GG-P1**	15	SAFJ10H04	JMP1	JGL15	JGU15
FLEXIBLE PENDANT 	50	3/4	**SAFJ05-H-04-GG-F**	14	SAFJ05H04	JMF	JGL15	JGU15
	50	1	**SAFJ05-H-04-GG-F1**	14	SAFJ05H04	JMF1	JGL15	JGU15
	70	3/4	**SAFJ07-H-04-GG-F**	14	SAFJ07H04	JMF	JGL15	JGU15
	70	1	**SAFJ07-H-04-GG-F1**	14	SAFJ07H04	JMF1	JGL15	JGU15
	100	3/4	**SAFJ10-H-04-GG-F**	15	SAFJ10H04	JMF	JGL15	JGU15
	100	1	**SAFJ10-H-04-GG-F1**	15	SAFJ10H04	JMF1	JGL15	JGU15
CEILING MOUNT 	50	3/4	**SAFJ05-H-04-GG-C**	14.5	SAFJ05H04	JMC	JGL15	JGU15
	50	1	**SAFJ05-H-04-GG-C1**	14.5	SAFJ05H04	JMC1	JGL15	JGU15
	70	3/4	**SAFJ07-H-04-GG-C**	14.5	SAFJ07H04	JMC	JGL15	JGU15
	70	1	**SAFJ07-H-04-GG-C1**	14.5	SAFJ07H04	JMC1	JGL15	JGU15
	100	3/4	**SAFJ10-H-04-GG-C**	15.5	SAFJ10H04	JMC	JGL15	JGU15
	100	1	**SAFJ10-H-04-GG-C1**	15.5	SAFJ10H04	JMC1	JGL15	JGU15
WALL MOUNT 	50	3/4	**SAFJ05-H-04-GG-W**	17	SAFJ05H04	JMW	JGL15	JGU15
	50	1	**SAFJ05-H-04-GG-W1**	17	SAFJ05H04	JMW1	JGL15	JGU15
	70	3/4	**SAFJ07-H-04-GG-W**	17	SAFJ07H04	JMW	JGL15	JGU15
	70	1	**SAFJ07-H-04-GG-W1**	17	SAFJ07H04	JMW1	JGL15	JGU15
	100	3/4	**SAFJ10-H-04-GG-W**	18	SAFJ10H04	JMW	JGL15	JGU15
	100	1	**SAFJ10-H-04-GG-W1**	18	SAFJ10H04	JMW1	JGL15	JGU15
25° STANCHION MOUNT 	50	1-1/4	**SAFJ05-H-04-GG-S**	16	SAFJ05H04	JMS	JGL15	JGU15
	50	1-1/2	**SAFJ05-H-04-GG-S1**	16	SAFJ05H04	JMS1	JGL15	JGU15
	70	1-1/4	**SAFJ07-H-04-GG-S**	16	SAFJ07H04	JMS	JGL15	JGU15
	70	1-1/2	**SAFJ07-H-04-GG-S1**	16	SAFJ07H04	JMS1	JGL15	JGU15
	100	1-1/4	**SAFJ10-H-04-GG-S**	17	SAFJ10H04	JMS	JGL15	JGU15
	100	1-1/2	**SAFJ10-H-04-GG-S1**	17	SAFJ10H04	JMS1	JGL15	JGU15
90° STANCHION MOUNT 	50	1-1/4	**SAFJ05-H-04-GG-L**	17.5	SAFJ05H04	JML	JGL15	JGU15
	50	1-1/2	**SAFJ05-H-04-GG-L1**	17.5	SAFJ05H04	JML1	JGL15	JGU15
	70	1-1/4	**SAFJ07-H-04-GG-L**	17.5	SAFJ07H04	JML	JGL15	JGU15
	70	1-1/2	**SAFJ07-H-04-GG-L1**	17.5	SAFJ07H04	JML1	JGL15	JGU15
	100	1-1/4	**SAFJ10-H-04-GG-L**	18.5	SAFJ10H04	JML	JGL15	JGU15
	100	1-1/2	**SAFJ10-H-04-GG-L1**	18.5	SAFJ10H04	JML1	JGL15	JGU15

① All fixtures are designed for Medium Base lamps, with the lamp mounted in base-up position.

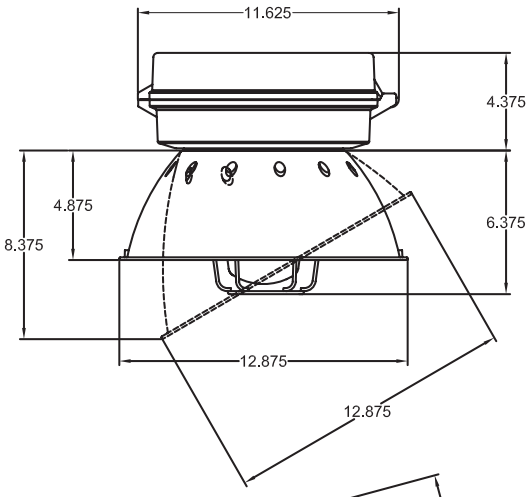
② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

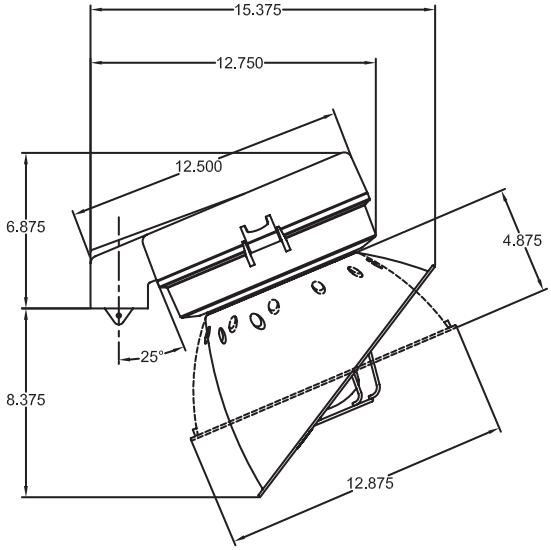
Refer to Certification Guide to determine suitability of individual fixture.

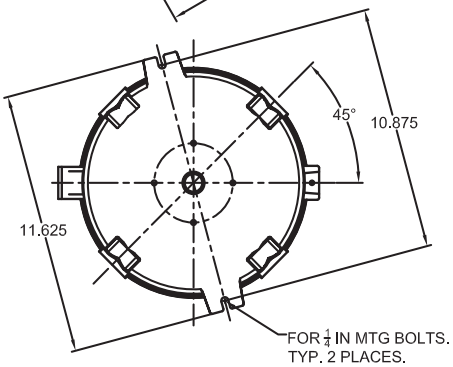
SAFJ Series

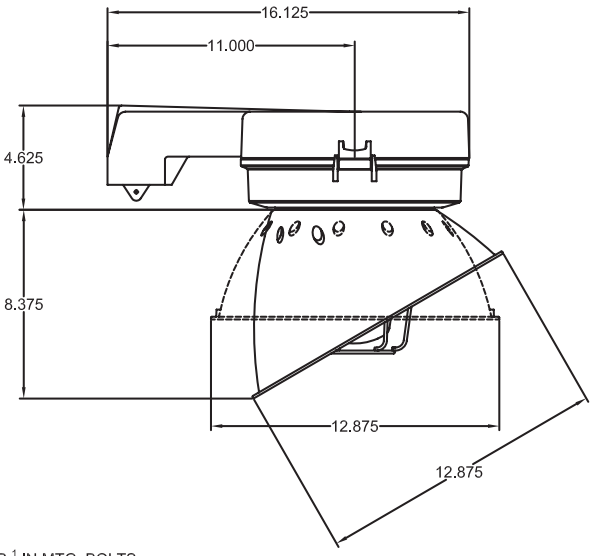
Hazardous Locations • Class I, Division 2, Class II, Class III • UL 1598A • UL 844 • Wet Locations • CUL

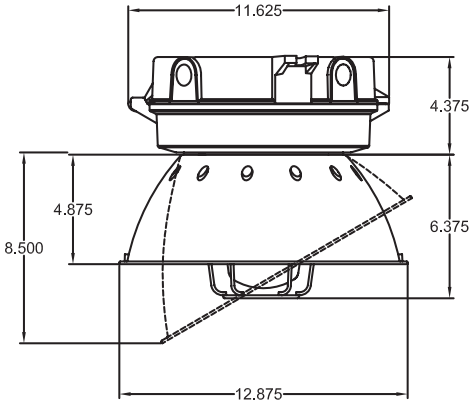
Fixture Dimensions (inches)

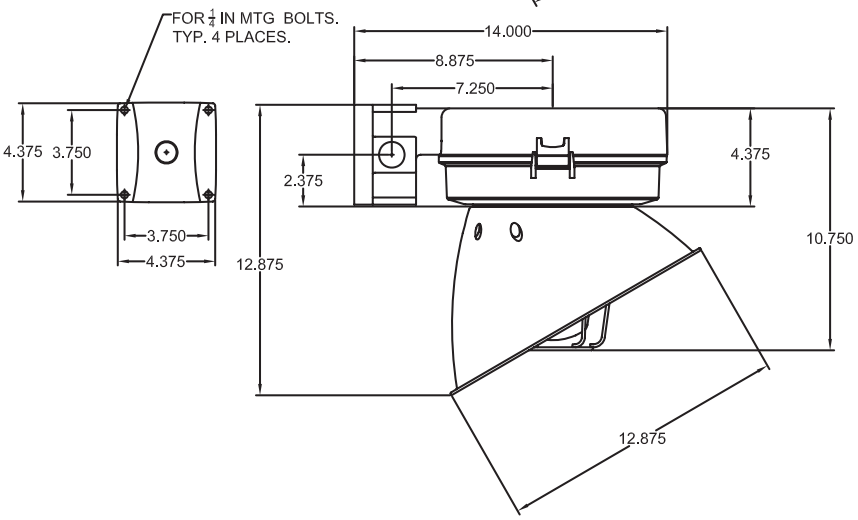












SAFJ Series

Hazardous Locations • Class I, Division 2, Class II, Class III • UL 1598A • UL 844 • Wet Locations • CUL

Coefficients of Utilization

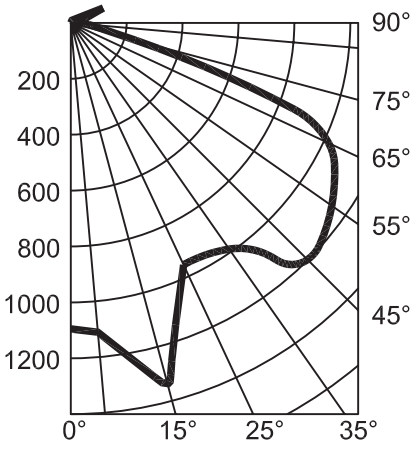
SAFJ10-H-04-XX

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.66	.66	.66	.60	.60	.60	.55	.55	.55
1	.57	.54	.52	.52	.51	.49	.47	.46	.45
2	.49	.45	.41	.45	.42	.39	.41	.39	.37
3	.42	.37	.33	.39	.35	.32	.35	.32	.30
4	.36	.31	.27	.34	.30	.26	.31	.28	.25
5	.32	.27	.23	.30	.25	.22	.27	.24	.21
6	.28	.23	.19	.27	.22	.19	.24	.21	.18
7	.26	.20	.17	.24	.19	.16	.22	.18	.16
8	.23	.18	.15	.22	.17	.14	.20	.16	.14
9	.21	.16	.13	.20	.16	.13	.18	.15	.12
10	.19	.15	.12	.18	.14	.11	.17	.13	.11

Candlepower Distribution

Deg.	Parl.
5	1111
15	1341
25	955
35	988
45	1198
55	1140
65	1018
75	238
85	63
90	24

Photometric Data



SAFJ Series

Hazardous Locations • Class I, Division 2, Class II, Class III • UL 1598A • UL 844 • Wet Locations • CUL

Accessories

Outlet Boxes	Catalog No.	Conduit Hub Size (In.)	Shipping Weight (Lbs.)
Rigid Pendant 	JMP	3/4	3.0
	JMP1	1	3.0
Flexible Pendant 	JMF	3/4	3.0
	JMF1	1	3.0
Ceiling Mount 	JMC	3/4	3.2
	JMC1	1	3.2
Wall Mount 	JMW	3/4	6.0
	JMW1	1	6.0
25° Stanchion Mount 	JMS	1 1/4	5.0
	JMS1	1 1/2	5.0
90° Stanchion Mount 	JML	1 1/4	6.5
	JML1	1 1/2	6.5

Reflectors, Globe, Guard and Photocells	Catalog No.	Description	Shipping Weight (Lbs.)
Dome Reflector 	JD15	Standard Dome Reflector Molded Polycarbonate	0.8
Angle Reflector 	JA15	30° Angle Reflector Molded Polycarbonate	1.9
Guard 	JGU15	Stainless Steel Wire Guard	1.0
Glass Globe 	JGL15	Heat and Impact Resistant Prismatic Glass Globe	3.0
Photocell Kits 	HLPC-120[3] HLPC208-277[3] HLPC-347[3]	Automatic On-Off Photo Cell Kits (Requires Field Installation)	1.0
	SPH25-120[2] SPH25-277[2]	Automatic On-Off Photo Cell Kits (Requires Field Installation)	1.0

[2] Not Suitable for Hazardous Locations
[3] Suitable for Hazardous Locations Class I, Division 2

Fuse Kit	Catalog No.	Description	Shipping Weight (Lbs.)
	SBF600	Open fuse block kit- 600 volt AC maximum.	.06

SXP SERIES

SXP

HID Lighting for Explosion Proof, Hazardous and Hostile Locations

- Class I, Division 1, Groups C & D
- Class II Divisions 1 & 2, Groups E, F & G
- Class III
- Zone 1, Groups IIA & IIB
- Marine and Wet Locations
- Paint Spray Booth
- NEMA 3, 4, 4X & 7CD
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- CUL
- IP65



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SXP SERIES

HID Lighting for Hazardous and Hostile Locations



Wireless electromechanical connector block for quick, safe fixture removal and bench-top maintenance.

Available in five mounting styles: pendant, ceiling, 90º wall bracket, 25º fixed stanchion mount and trunnion mount.

Ballast housing, outlet boxes and lens retaining rings are high strength corrosion resistant copper free (less than 0.4%) aluminum.

External fins, internal fins and strategic ballast location and strategic locations of other components provide efficient heat dissapation for cooler operation and longer ballast life.

Exterior finish is baked-on powder epoxy for added corrosion protection.

Acme double lead threads are provided for quick & easy trouble-free maintenance.

Heat resistant, internally prismatic glass globe for optimal photometric performance.

Electro-Polished stainless steel wire guard.

- Factory sealed– external seals not necessary
- Fiberglass reinforced polymeric reflectors are available as a standard option
- Aluminum reflectors are available as a deep-dome option

SXP Series

Explosion Proof • UL 844 & 1598A • CUL • Marine Outside Type • Factory Sealed

Catalog Number Logic

SXP 15-S-04-GG-P-XX

1 2 3 4 5 6 7

1 BASIC SERIES
Class I, Divisions 1, Groups C & D
Class II, Divisons 1 & 2 Groups E, F & G
Class III
CUL
Zone 1, Groups IIA & IIB
Marine and Wet Locations
Suitable for Inside Paint Spray Booth*
(100 Watt Maximum)
NEMA 3, 4, 4X & 7CD
UL 844 & UL 1598A
IP65

2 LAMP CURRENT/LAMP WATTAGE
07 = 70 Watt
10 = 100 Watt
15 = 150 Watt
17 = 175 Watt
25 = 250 Watt
32 = 320 Watt
35 = 350 Watt
40 = 400 Watt

3 LAMP TYPE (MOGUL BASE)[1]
S = High Pressure Sodium
(70, 100, 150, 200, 250 & 400W)
H = Metal Halide
(70, 100, 150, 175, 250, 320, 350 & 400W)

4 BALLAST VOLTAGE
04 = Multi-Tap
12 = 120V 60 HZ
20 = 208V 60 HZ
22 = 220V 50 HZ
24 = 240V 60 HZ
27 = 277V 60 HZ
34 = 347V 60 HZ
48 = 480V 60 HZ

5 GLOBE & GUARD
GG = Globe and Guard
G = Globe only

6 MOUNTING STYLE
P = 3/4" Pendant Mount
P1 = 1" Pendant Mount
C = 3/4" Ceiling Mount
C1 = 1" Ceiling Mount
W = 3/4" Wall Mount
W1 = 1" Wall Mount
S = 1-1/4" Stanchion Mount
S1 = 1-1/2" Stanchion Mount
T = Trunnion Mount

7 OPTIONS[2]
Q = Auxiliary Quartz Circuit[3]
QTD = Auxiliary Quartz Circuit[3]
Hot and Cold Start
FB = Fuse Block[4,5]
BP = Ballast Protector
PS = Pulse Start
(Use Only Universal Position Lamp)
R = Instant Restrike (HPS Only)
(Up to 150W)

[1] HID fixtures for Mogul Base lamps only.
[2] Consult factory for pricing.
[3] Quartz option available only with vertical mount only.
- Reflectors cannot be added.
- Quartz lamp to be 100W DC bayonet base.
- Available with maximum 150W HPS & 250W MH lamp.

[4] Not available with multi-tap ballast unless incoming voltage is specified. When installed, one fuse block is provided for 120, 277V and two fuse blocks are provided for 208, 240 and 480V. Fuse provided.
[5] Fuse option not available for marine listed fixtures.

*Refer to Certification Guide to determine suitability of individual fixture.
Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

HID

SXP Series

Explosion Proof • UL 844 & 1598A • CUL • Marine Outside Type • Factory Sealed

Certification Guide

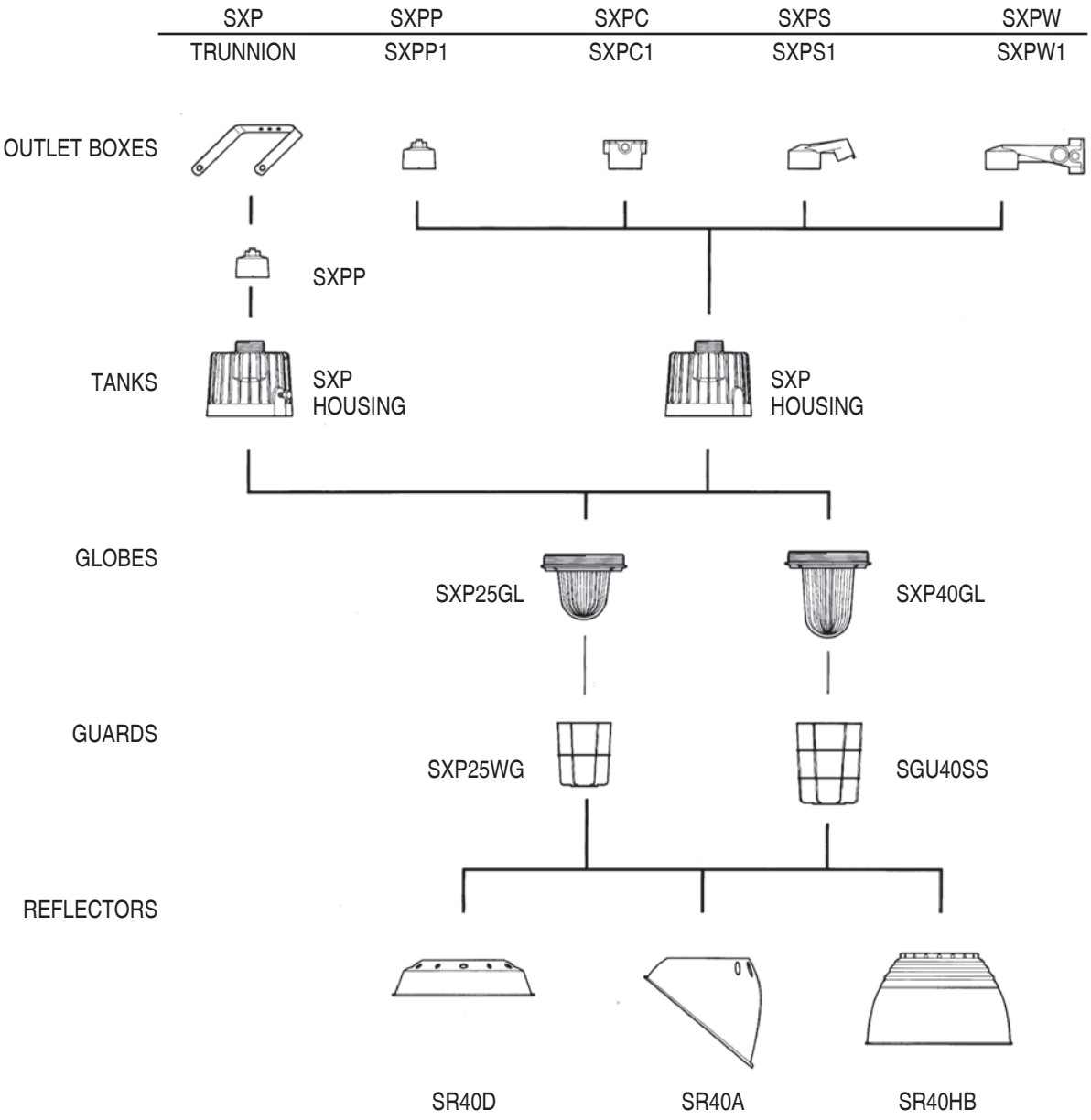
MODEL	TYPE (*)	LAMP WATTS	MOUNT	AMBIENT TEMPERATURE °C	CLASS I DIVISION 1 GROUPS C & D	CLASS II DIVISION 1 GROUPS E, F & G, CLASS III	SUPPLY WIRE SUITABLE TEMPERATURE °C	UL 1598A	PAINT SPRAY BOOTH
SXP40S	HPS	400	P,C,W	40	T3C	--	90	YES	NO
SXP40S	HPS	400	S,T	40	T3A	--	90	YES	NO
SXP25S	HPS	250	P,C,W,S,T	40	T3C	--	90	YES	NO
SXP25S	HPS	250	P,C,W	55	T4	--	90	YES	NO
SXP25S	HPS	250	S,T	55	T3C	--	90	YES	NO
SXP15S	HPS	150	P,C,W,S	40	T4	T4 (E,F&G)	90	YES	NO
SXP15S	HPS	150	T	40	T4	--	90	YES	NO
SXP15S	HPS	150	P,C,W	55	T4A	--	90	YES	NO
SXP15S	HPS	150	S,T	55	T4	--	90	YES	NO
SXP15S	HPS	150	P,C,W	65	T4	--	90	YES	NO
SXP15S	HPS	150	S,T	65	T3C	--	90	YES	NO
SXP10S	HPS	100	P,C,W,S	40	T4A	T4A (E,F&G)	90	YES	YES
SXP10S	HPS	100	T	40	T4A	--	90	YES	NO
SXP10S	HPS	100	P,C,W,S,T	55	T4A	--	90	YES	NO
SXP10S	HPS	100	P,C,W,S,T	65	T4	--	90	YES	NO
SXP07S	HPS	70	P,C,W,S	40	T4A	T4A (E,F&G)	90	YES	YES
SXP07S	HPS	70	T	40	T4A	--	90	YES	NO
SXP07S	HPS	70	P,C,W,S,T	55	T4A	--	90	YES	NO
SXP07S	HPS	70	P,C,W,S,T	65	T4	--	90	YES	NO
SXP40H	PSMH	400	P,C,W,S,T	40	T3A	--	90	YES	NO
SXP35H	PSMH	350	P,C,W,S,T	40	T3A	--	90	YES	NO
SXP32H	PSMH	320	P,C,W,S,T	40	T3A	--	90	YES	NO
SXP25H	PSMH	250	P,C,W,S	40	T3C	T3 (E&F)	90	YES	NO
SXP25H	PSMH	250	T	40	T3C	--	90	YES	NO
SXP25H	PSMH	250	P,C,W,S,T	55	T3A	--	90	YES	NO
SXP17H	PSMH	175	P,C,W,S	40	T4	T3C (E,F&G)	90	YES	NO
SXP17H	PSMH	175	T	40	T4	--	90	YES	NO
SXP17H	PSMH	175	P,C,W,S,T	55	T3C	--	90	YES	NO
SXP17H	PSMH	175	P,C,W,S,T	65	T3C	--	90	YES	NO
SXP15H	PSMH	150	P,C,W,S	40	T4	T3C (E,F&G)	90	YES	NO
SXP15H	PSMH	150	T	40	T4	--	90	YES	NO
SXP15H	PSMH	150	P,C,W,S,T	55	T3C	--	90	YES	NO
SXP15H	PSMH	150	P,C,W,S,T	65	T3C	--	90	YES	NO

(*) Mogul Base

HID

SXP Series

Explosion Proof • UL 844 & 1598A • CUL • Marine Outside Type • Factory Sealed



HID

SXP Series

Explosion Proof • UL 844 & 1598A • CUL • Marine Outside Type • Factory Sealed

High Pressure Sodium with Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp Watts	ANSI Lamp Type	Conduit Size (In.)	CATALOG NUMBER 120/208/240/277V	480V 60 HZ	220V 50 HZ	Shipping Weight (Lbs.)
PENDANT 	70	S62	3/4	SXP07-S-04-GG-P	SXP07-S-48-GG-P	SXP07-S-22-GG-P	39.75
	70	S62	1	SXP07-S-04-GG-P1	SXP07-S-48-GG-P1	SXP07-S-22-GG-P1	39.75
	100	S54	3/4	SXP10-S-04-GG-P	SXP10-S-48-GG-P	SXP10-S-22-GG-P	41.50
	100	S54	1	SXP10-S-04-GG-P1	SXP10-S-48-GG-P1	SXP10-S-22-GG-P1	41.50
	150	S55	3/4	SXP15-S-04-GG-P	SXP15-S-48-GG-P	SXP15-S-22-GG-P	43.50
	150	S55	1	SXP15-S-04-GG-P1	SXP15-S-48-GG-P1	SXP15-S-22-GG-P1	43.50
	250	S50	3/4	SXP25-S-04-GG-P	SXP25-S-48-GG-P	SXP25-S-22-GG-P	49.20
	250	S50	1	SXP25-S-04-GG-P1	SXP25-S-48-GG-P1	SXP25-S-22-GG-P1	49.20
	400	S51	3/4	SXP40-S-04-GG-P	SXP40-S-48-GG-P	SXP40-S-22-GG-P	55.95
	400	S51	1	SXP40-S-04-GG-P1	SXP40-S-48-GG-P1	SXP40-S-22-GG-P1	55.95
CEILING 	70	S62	3/4	SXP07-S-04-GG-C	SXP07-S-48-GG-C	SXP07-S-22-GG-C	41.60
	70	S62	1	SXP07-S-04-GG-C1	SXP07-S-48-GG-C1	SXP07-S-22-GG-C1	41.60
	100	S54	3/4	SXP10-S-04-GG-C	SXP10-S-48-GG-C	SXP10-S-22-GG-C	43.35
	100	S54	1	SXP10-S-04-GG-C1	SXP10-S-48-GG-C1	SXP10-S-22-GG-C1	43.35
	150	S55	3/4	SXP15-S-04-GG-C	SXP15-S-48-GG-C	SXP15-S-22-GG-C	45.35
	150	S55	1	SXP15-S-04-GG-C1	SXP15-S-48-GG-C1	SXP15-S-22-GG-C1	45.35
	250	S50	3/4	SXP25-S-04-GG-C	SXP25-S-48-GG-C	SXP25-S-22-GG-C	51.00
	250	S50	1	SXP25-S-04-GG-C1	SXP25-S-48-GG-C1	SXP25-S-22-GG-C1	51.00
	400	S51	3/4	SXP40-S-04-GG-C	SXP40-S-48-GG-C	SXP40-S-22-GG-C	57.80
	400	S51	1	SXP40-S-04-GG-C1	SXP40-S-48-GG-C1	SXP40-S-22-GG-C1	57.80
WALL 	70	S62	3/4	SXP07-S-04-GG-W	SXP07-S-48-GG-W	SXP07-S-22-GG-W	43.75
	70	S62	1	SXP07-S-04-GG-W1	SXP07-S-48-GG-W1	SXP07-S-22-GG-W1	43.75
	100	S54	3/4	SXP10-S-04-GG-W	SXP10-S-48-GG-W	SXP10-S-22-GG-W	45.50
	100	S54	1	SXP10-S-04-GG-W1	SXP10-S-48-GG-W1	SXP10-S-22-GG-W1	45.50
	150	S55	3/4	SXP15-S-04-GG-W	SXP15-S-48-GG-W	SXP15-S-22-GG-W	47.50
	150	S55	1	SXP15-S-04-GG-W1	SXP15-S-48-GG-W1	SXP15-S-22-GG-W1	47.50
	250	S50	3/4	SXP25-S-04-GG-W	SXP25-S-48-GG-W	SXP25-S-22-GG-W	53.20
	250	S50	1	SXP25-S-04-GG-W1	SXP25-S-48-GG-W1	SXP25-S-22-GG-W1	53.20
	400	S51	3/4	SXP40-S-04-GG-W	SXP40-S-48-GG-W	SXP40-S-22-GG-W	60.00
	400	S51	1	SXP40-S-04-GG-W1	SXP40-S-48-GG-W1	SXP40-S-22-GG-W1	60.00
STANCHION ★ 	70	S62	1-1/4	SXP07-S-04-GG-S	SXP07-S-48-GG-S	SXP07-S-22-GG-S	40.75
	70	S62	1-1/2	SXP07-S-04-GG-S1	SXP07-S-48-GG-S1	SXP07-S-22-GG-S1	40.75
	100	S54	1-1/4	SXP10-S-04-GG-S	SXP10-S-48-GG-S	SXP10-S-22-GG-S	42.50
	100	S54	1-1/2	SXP10-S-04-GG-S1	SXP10-S-48-GG-S1	SXP10-S-22-GG-S1	42.50
	150	S55	1-1/4	SXP15-S-04-GG-S	SXP15-S-48-GG-S	SXP15-S-22-GG-S	44.50
	150	S55	1-1/2	SXP15-S-04-GG-S1	SXP15-S-48-GG-S1	SXP15-S-22-GG-S1	44.50
	250	S50	1-1/4	SXP25-S-04-GG-S	SXP25-S-48-GG-S	SXP25-S-22-GG-S	50.20
	250	S50	1-1/2	SXP25-S-04-GG-S1	SXP25-S-48-GG-S1	SXP25-S-22-GG-S1	50.20
	400	S51	1-1/4	SXP40-S-04-GG-S	SXP40-S-48-GG-S	SXP40-S-22-GG-S	57.00
	400	S51	1-1/2	SXP40-S-04-GG-S1	SXP40-S-48-GG-S1	SXP40-S-22-GG-S1	57.00
TRUNNION ★ 	70	S62	3/4	SXP07-S-04-GG-T	SXP07-S-48-GG-T	SXP07-S-22-GG-T	45.00
	100	S54	3/4	SXP10-S-04-GG-T	SXP10-S-48-GG-T	SXP10-S-22-GG-T	46.80
	150	S55	3/4	SXP15-S-04-GG-T	SXP15-S-48-GG-T	SXP15-S-22-GG-T	48.80
	250	S50	3/4	SXP25-S-04-GG-T	SXP25-S-48-GG-T	SXP25-S-22-GG-T	54.50
	400	S51	3/4	SXP40-S-04-GG-T	SXP40-S-48-GG-T	SXP40-S-22-GG-T	61.25

★ Refer to Certification Guide to determine suitability of individual fixture.

HID

SXP Series

Explosion Proof • UL 844 & 1598A • CUL • Marine Outside Type • Factory Sealed

Metal Halide with Guard 175-400 Watts

(Lamps not included)

Mounting Style	Lamp Watts	ANSI Lamp Type	Conduit Size (In.)	CATALOG NUMBER 120/208/240/277V	480V 60 HZ	220V 50 HZ	Shipping Weight (Lbs.)
PENDANT 	175	M152	3/4	SXP17-H-04-GG-P-PS	SXP17-H-48-GG-P-PS	SXP17-H-22-GG-P-PS	42.70
	175	M152	1	SXP17-H-04-GG-P1-PS	SXP17-H-48-GG-P1-PS	SXP17-H-22-GG-P1-PS	42.70
	250	M153	3/4	SXP25-H-04-GG-P-PS	SXP25-H-48-GG-P-PS	SXP25-H-22-GG-P-PS	46.50
	250	M153	1	SXP25-H-04-GG-P1-PS	SXP25-H-48-GG-P1-PS	SXP25-H-22-GG-P1-PS	46.50
	400	M155	3/4	SXP40-H-04-GG-P-PS	SXP40-H-48-GG-P-PS	SXP40-H-22-GG-P-PS	54.20
	400	M155	1	SXP40-H-04-GG-P1-PS	SXP40-H-48-GG-P1-PS	SXP40-H-22-GG-P1-PS	54.20
CEILING 	175	M152	3/4	SXP17-H-04-GG-C-PS	SXP17-H-48-GG-C-PS	SXP17-H-22-GG-C-PS	44.50
	175	M152	1	SXP17-H-04-GG-C1-PS	SXP17-H-48-GG-C1-PS	SXP17-H-22-GG-C1-PS	44.50
	250	M153	3/4	SXP25-H-04-GG-C-PS	SXP25-H-48-GG-C-PS	SXP25-H-22-GG-C-PS	48.35
	250	M153	1	SXP25-H-04-GG-C1-PS	SXP25-H-48-GG-C1-PS	SXP25-H-22-GG-C1-PS	48.35
	400	M155	3/4	SXP40-H-04-GG-C-PS	SXP40-H-48-GG-C-PS	SXP40-H-22-GG-C-PS	56.00
	400	M155	1	SXP40-H-04-GG-C1-PS	SXP40-H-48-GG-C1-PS	SXP40-H-22-GG-C1-PS	56.00
WALL 	175	M152	3/4	SXP17-H-04-GG-W-PS	SXP17-H-48-GG-W-PS	SXP17-H-22-GG-W-PS	46.70
	175	M152	1	SXP17-H-04-GG-W1-PS	SXP17-H-48-GG-W1-PS	SXP17-H-22-GG-W1-PS	46.70
	250	M153	3/4	SXP25-H-04-GG-W-PS	SXP25-H-48-GG-W-PS	SXP25-H-22-GG-W-PS	50.50
	250	M153	1	SXP25-H-04-GG-W1-PS	SXP25-H-48-GG-W1-PS	SXP25-H-22-GG-W1-PS	50.50
	400	M155	3/4	SXP40-H-04-GG-W-PS	SXP40-H-48-GG-W-PS	SXP40-H-22-GG-W-PS	58.20
	400	M155	1	SXP40-H-04-GG-W1-PS	SXP40-H48-GG-W1-PS	SXP40-H-22-GG-W1-PS	58.20
STANCHION★ 	175	M152	1-1/4	SXP17-H-04-GG-S-PS	SXP17-H-48-GG-S-PS	SXP17-H-22-GG-S-PS	43.70
	175	M152	1-1/2	SXP17-H-04-GG-S1-PS	SXP17-H-48-GG-S1-PS	SXP17-H-22-GG-S1-PS	43.70
	250	M153	1-1/4	SXP25-H-04-GG-S-PS	SXP25-H-48-GG-S-PS	SXP25-H-22-GG-S-PS	47.50
	250	M153	1-1/2	SXP25-H-04-GG-S1-PS	SXP25-H-48-GG-S1-PS	SXP25-H-22-GG-S1-PS	47.50
	400	M155	1-1/4	SXP40-H-04-GG-S-PS	SXP40-H-48-GG-S-PS	SXP40-H-22-GG-S-PS	55.20
	400	M155	1-1/2	SXP40-H-04-GG-S1-PS	SXP40-H-48-GG-S1-PS	SXP40-H-22-GG-S1-PS	55.20
TRUNNION★ 	175	M152	3/4	SXP17-H-04-GG-T-PS	SXP17-H-48-GG-T-PS	SXP17-H-22-GG-T-PS	48.00
	250	M153	3/4	SXP25-H-04-GG-T-PS	SXP25-H-48-GG-T-PS	SXP25-H-22-GG-T-PS	51.80
	400	M155	3/4	SXP40-H-04-GG-T-PS	SXP40-H-48-GG-T-PS	SXP40-H-22-GG-T-PS	59.50

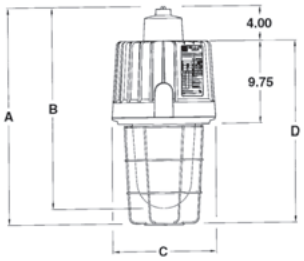
★ Refer to Certification Guide to determine suitability of individual fixture.

HID

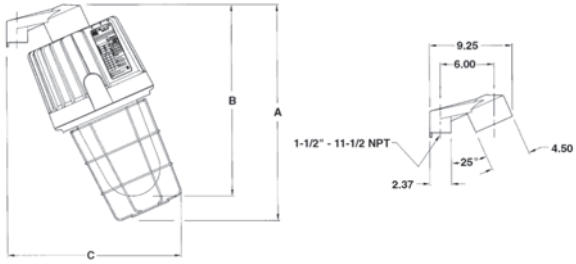
SXP Series

Explosion Proof • UL 844 & 1598A • CUL • Marine Outside Type • Factory Sealed

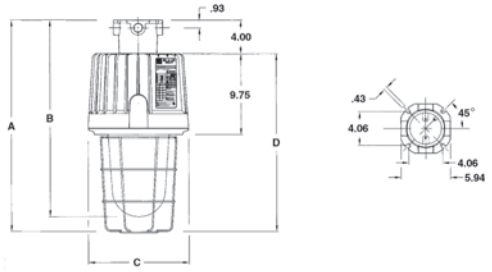
SXP Fixture Dimensions (inches)



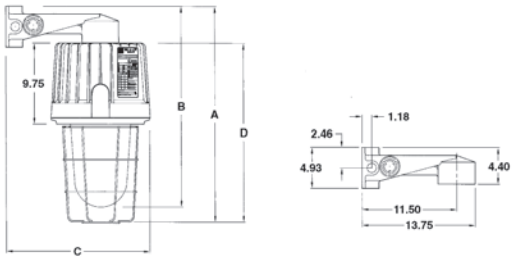
MOUNTING DIMENSIONS	PENDANT MOUNT			
	A	B	C	D
70-150W HPS 175 & 250W MH	22.00	20.81	12.06	17.93
250 & 400W HPS 400W MH	25.50	23.75	12.06	21.43



MOUNTING DIMENSIONS	STANCHION MOUNT		
	A	B	C
70-150W HPS 175 & 250W MH	21.00	18.75	18.18
250 & 400W HPS 400W MH	24.37	21.62	19.43

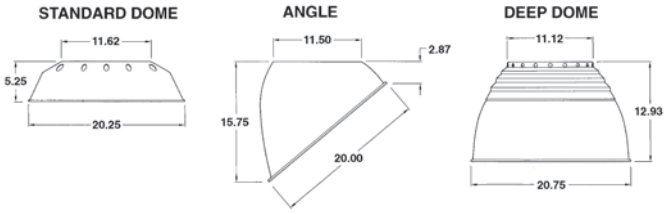


MOUNTING DIMENSIONS	CEILING MOUNT			
	A	B	C	D
70-150W HPS 175 & 250W MH	22.00	20.81	12.06	17.93
250 & 400W HPS 400W MH	25.50	23.75	12.06	21.43

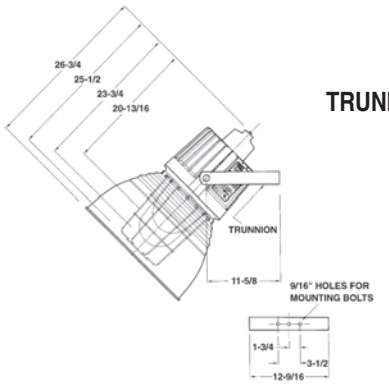


MOUNTING DIMENSIONS	WALL MOUNT			
	A	B	C	D
70-150W HPS 175 & 250W MH	22.31	21.12	17.50	17.87
250 & 400W HPS 400W MH	25.87	24.00	17.50	21.43

REFLECTORS



TRUNNION MOUNT



SXP Series

Explosion Proof • UL 844 & 1598A • CUL • Marine Outside Type • Factory Sealed

Coefficients of Utilization

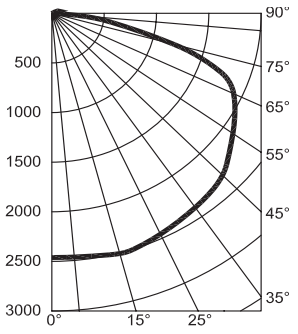
SXP17-HD-XX

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.92	.92	.92	.86	.86	.86	.78	.78	.78
1	.79	.75	.71	.73	.70	.67	.66	.65	.63
2	.67	.61	.56	.62	.57	.53	.57	.53	.50
3	.57	.50	.45	.53	.48	.43	.49	.45	.41
4	.50	.42	.37	.47	.40	.36	.43	.38	.34
5	.44	.36	.31	.41	.35	.30	.38	.33	.29
6	.39	.32	.26	.37	.30	.26	.34	.29	.25
7	.35	.28	.23	.33	.27	.22	.31	.26	.22
8	.32	.25	.20	.30	.24	.20	.28	.23	.19
9	.29	.22	.18	.28	.22	.18	.26	.21	.17
10	.27	.20	.16	.25	.20	.16	.24	.19	.15

Candlepower Distribution

Deg.	Parl.
5	2466
15	2507
25	2456
35	2389
45	2307
55	2112
65	1917
75	1210
85	251
90	56

Photometric Data



Coefficients of Utilization

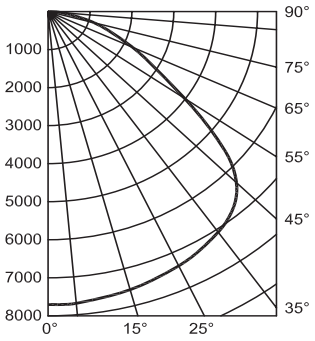
SXP40-H-HB

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.92	.92	.92	.84	.84	.84	.75	.75	.75
1	.74	.69	.65	.68	.64	.61	.60	.58	.55
2	.62	.55	.49	.57	.51	.46	.50	.46	.43
3	.53	.45	.39	.48	.42	.37	.43	.38	.34
4	.46	.38	.32	.42	.35	.30	.37	.32	.28
5	.40	.32	.26	.37	.30	.25	.33	.28	.24
6	.36	.28	.22	.33	.26	.22	.30	.24	.20
7	.32	.25	.19	.30	.23	.19	.27	.22	.18
8	.29	.22	.17	.27	.21	.16	.24	.19	.16
9	.27	.20	.15	.25	.19	.15	.22	.18	.14
10	.25	.18	.13	.23	.17	.13	.21	.16	.12

Candlepower Distribution

Deg.	Parl.
5	5077
15	4943
25	4824
35	4855
45	4872
55	4681
65	4444
75	3981
85	2561
90	1503

Photometric Data



SXP Series

Explosion Proof • UL 844 & 1598A • CUL • Marine Outside Type • Factory Sealed

Components and Accessories

Outlet Boxes	Description	Hub Size (In.)	Catalog Number	Shipping Weight (Lbs.)
	Pendant	3/4 1	**SXPP** **SXPP1**	2.15 2.15
	Ceiling	3/4 1	**SXPC** **SXPC1**	4.0 4.0
	Wall	3/4 1	**SXPW** **SXPW1**	6.20 6.20
	Stanchion	1-1/4 1-1/2	**SXPS** **SXPS1**	3.20 3.20

Reflectors	Description	Catalog Number	Shipping Weight (Lbs.)
	Standard Dome Reflector Fiberglass Filled Polymeric	**SR40D**	3.00
	30° Angle Reflector Fiberglass Filled Polymeric	**SR40A**	4.50
	High Bay Aluminum Reflector with Baked on White Enamel	**SR40HB**	5.00

Globes and Guards	Description	Catalog Number	Shipping Weight (Lbs.)
	Prismatic Glass Globe Assembly for 70-150W HPS, 175-250W MH	**SXP25GL**	6.50
	Prismatic Glass Globe Assembly for 250-400W HPS and 400W MH	**SXP40GL**	9.40
	Stainless Steel Wire Guard for 70-150W HPS, 175-250W MH	**SXP25WG**	1.50
	Stainless Steel Wire Guard for 250-400W HPS, 400W MH	**SGU40SS**	2.25

Connector Blocks and Sockets	Description	Catalog Number	Shipping Weight (Lbs.)
	Replacement Female Connector Block (for Outlet Boxes 70-400W)	**26641**	1.00
	Replacement Socket 70-400W	**70043**	1.50

SXP Floodlight Series

Explosion Proof • UL 844 & 1598A • CUL • Marine Outside Type • Factory Sealed

Catalog Number Logic

SXP-15-S-04-GG-T-XX

1 2 3 4 5 6 7

1 BASIC SERIES
Class I, Divisions 1, Groups C & D
Class II, Divisons 1 & 2 Groups E, F & G
Class III
CUL
Zone 1, Groups IIA & IIB
Marine and Wet Locations
Suitable for Inside Paint Spray Booth*
(100 Watt Maximum)
NEMA 3, 4, 4X & 7CD
UL 844 & UL 1598A
IP65

2 LAMP CURRENT/LAMP WATTAGE
07 = 70 Watt
10 = 100 Watt
15 = 150 Watt
17 = 175 Watt
25 = 250 Watt
32 = 320 Watt
35 = 350 Watt
40 = 400 Watt

3 LAMP TYPE (MOGUL BASE)[1]
S = High Pressure Sodium
(70,100,150, 200, 250 & 400W)
H = Metal Halide
(70,100,150,175, 250, 320, 350 & 400W)

4 BALLAST VOLTAGE
04 = Multi-Tap
12 = 120V 60HZ
20 = 208V 60HZ
22 = 220V 50HZ
24 = 240V 60HZ
27 = 277V 60HZ
34 = 347V 60HZ
48 = 480V 60HZ

5 GLOBE & GUARD
GG = Globe and Guard
G = Globe only

6 MOUNTING STYLE
T = Trunnion Mount

7 OPTIONS[2]
Q = Auxiliary Quartz Circuit[3]
QTD = Auxiliary Quartz Circuit[3]
Hot and Cold Start
FB = Fuse Block[4,5]
BP = Ballast Protector
PS = Pulse Start
(Use Only Universal Position Lamp)
R = Instant Restrike (HPS Only)
(Up to 150W)

[1] HID fixtures for Mogul Base lamps only.
[2] Consult factory for pricing.
[3] Quartz option available only with vertical mount only.
- Reflectors cannot be added.
- Quartz lamp to be 100W DC bayonet base.
- Available with maximum 150W HPS & 250W MH lamp.

[4] Not available with multi-tap ballast unless incoming voltage is specified. When installed, one fuse block is provided for 120, 277V and two fuse blocks are provided for 208, 240 and 480V. Fuse not included.
[5] Fuse option not available for marine listed fixtures.

SXP Floodlight Series

Explosion Proof • UL 844 & 1598A • CUL • Marine Outside Type • Factory Sealed

Certification Guide

MODEL	TYPE (*)	LAMP WATTS	MOUNT	AMBIENT TEMPERATURE °C	CLASS I DIVISION 1 GROUPS C & D	SUPPLY WIRE SUITABLE TEMPERATURE °C	UL 1598A
SXP40S	HPS	400	T	40	T3A	90	YES
SXP25S	HPS	250	T	40	T3C	90	YES
SXP25S	HPS	250	T	55	T3C	90	YES
SXP15S	HPS	150	T	40	T4	90	YES
SXP15S	HPS	150	T	55	T4	90	YES
SXP15S	HPS	150	T	65	T3C	90	YES
SXP10S	HPS	100	T	40	T4A	90	YES
SXP10S	HPS	100	T	55	T4A	90	YES
SXP10S	HPS	100	T	65	T4	90	YES
SXP07S	HPS	70	T	40	T4A	90	YES
SXP07S	HPS	70	T	55	T4A	90	YES
SXP07S	HPS	70	T	65	T4	90	YES
SXP40H	PSMH	400	T	40	T3A	90	YES
SXP35H	PSMH	350	T	40	T3A	90	YES
SXP32H	PSMH	320	T	40	T3A	90	YES
SXP25H	PSMH	250	T	40	T3C	90	YES
SXP25H	PSMH	250	T	55	T3A	90	YES
SXP17H	PSMH	175	T	40	T4	90	YES
SXP17H	PSMH	175	T	55	T3C	90	YES
SXP17H	PSMH	175	T	65	T3C	90	YES
SXP15H	PSMH	150	T	40	T4	90	YES
SXP15H	PSMH	150	T	55	T3C	90	YES
SXP15H	PSMH	150	T	65	T3C	90	YES

(*) Mogul Base

SXP Floodlight Series

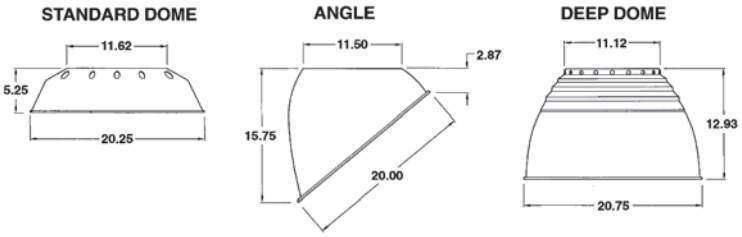
Explosion Proof • UL 844 & 1598A • CUL • Marine Outside Type • Factory Sealed

(Lamps not included)

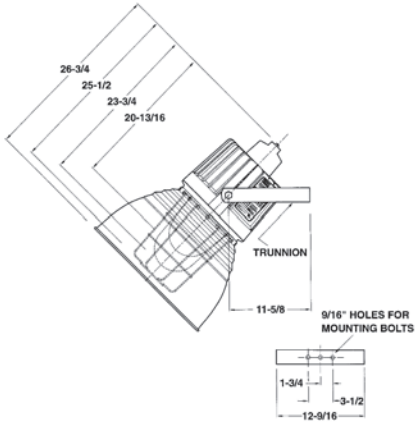
Lamp Type	Lamp Watts	ANSI Lamp Type	Conduit Size (In.)	CATALOG NUMBER			Shipping Weight (Lbs.)
				120/208/240/277	480V 60 HZ	220 50 HZ	
HIGH PRESSURE SODIUM 	70	S62	3/4	SXP07-S-04-GG-T	SXP07-S-48-GG-T	SXP07-S-22-GG-T	45.00
	100	S54	3/4	SXP10-S-04-GG-T	SXP10-S-48-GG-T	SXP10-S-22-GG-T	46.80
	150	S55	3/4	SXP15-S-04-GG-T	SXP15-S-48-GG-T	SXP15-S-22-GG-T	48.80
	250	S50	3/4	SXP25-S-04-GG-T	SXP25-S-48-GG-T	SXP25-S-22-GG-T	54.50
	400	S51	3/4	SXP40-S-04-GG-T	SXP40-S-48-GG-T	SXP40-S-22-GG-T	61.25
METAL HALIDE 	175	M152	3/4	SXP17-H-04-GG-T-PS	SXP17-H-48-GG-T-PS	SXP17-H-22-GG-T-PS	48.00
	250	M153	3/4	SXP25-H-04-GG-T-PS	SXP25-H-48-GG-T-PS	SXP25-H-22-GG-T-PS	51.80
	400	M155	3/4	SXP40-H-04-GG-TPS	SXP40-H-48-GG-T-PS	SXP40-H-22-GG-T-PS	59.50

SXP Floodlight Fixture Dimensions (inches)

REFLECTORS



TRUNNION MOUNT



SXP Floodlight Series

Explosion Proof • UL 844 & 1598A • CUL • Marine Outside Type • Factory Sealed

Components and Accessories

Outlet Boxes	Description	Hub Size (In.)	Catalog Number	Shipping Weight (Lbs.)
	Pendant	3/4 1	**SXPP** **SXPP1**	2.15 2.15
	Ceiling	3/4 1	**SXPC** **SXPC1**	4.0 4.0
	Wall	3/4 1	**SXPW** **SXPW1**	6.20 6.20
	Stanchion	1-1/4 1-1/2	**SXPS** **SXPS1**	3.20 3.20

Reflectors	Description	Catalog Number	Shipping Weight (Lbs.)
	Standard Dome Reflector Fiberglass Filled Polymeric	**SR40D**	3.00
	30° Angle Reflector Fiberglass Filled Polymeric	**SR40A**	4.50
	High Bay Aluminum Reflector with Baked on White Enamel	**SR40HB**	5.00

Globes and Guards	Description	Catalog Number	Shipping Weight (Lbs.)
	Prismatic Glass Globe Assembly for 70-150W HPS, 175-250W MH	**SXP25GL**	6.50
	Prismatic Glass Globe Assembly for 250-400W HPS and 400W MH	**SXP40GL**	9.40
	Stainless Steel Wire Guard for 70-150W HPS, 175-250W MH	**SXP25WG**	1.50
	Stainless Steel Wire Guard for 250-400W HPS, 400W MH	**SGU40SS**	2.25

Connector Blocks and Sockets	Description	Catalog Number	Shipping Weight (Lbs.)
	Replacement Female Connector Block (for Outlet Boxes 70-400W)	**26641**	1.00
	Replacement Socket 70-400W	**70043**	1.50

SXPJ SERIES

- Class I, Division 1, Group C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Zone 1, Groups IIA & IIB
- Factory Sealed
- NEMA 4X, IP66
- UL 844 & UL 1598A
- CUL



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MARINE UL LISTED

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SXPJ SERIES

HID & Fluorescent Lighting for Hazardous and Hostile Locations



Available in five mounting styles: pendant, ceiling, 90° wall bracket, 25° stanchion mount and trunnion mount.

Wireless electromechanical connector block for quick, safe fixture removal and bench-top maintenance.

Ballast housing, outlet boxes and lens retaining rings are high strength corrosion resistant copper free (less than 0.4%) aluminum.

External fins, internal fins and strategic location of ballast and other components provide efficient heat dissapation for cooler operation and longer ballast life.

Exterior finish is baked-on powder epoxy for added corrosion protection.

Acme double lead threads are provided for quick & easy trouble-free maintenance.

Heat resistant, internally prismatic glass globe for optimal photometric performance.

Electro-Polished stainless steel wire guard.

- Factory sealed– external seals not necessary
- Fiberglass reinforced polymeric and aluminum reflectors are available as accessories

SXPJ Series

Explosion Proof • UL 844, &1598A • Marine Outside Type • Factory Sealed

Catalog Number Logic

SXPJ 15-S-04-GG-P-XX

(1) (2) (3) (4) (5) (6) (7)

(1) BASIC SERIES
Class I, Division 1, Groups C & D
Class II, Division 1, Groups E, F & G*
Class III
Class I, Zone 1, Groups IIA & IIB
Factory Sealed
UL1598, UL1598A, & UL844
CUL
NEMA Type 4X, IP66

(2) LAMP CURRENT/LAMP WATTAGE
26 = 26 Watt
32 = 32 Watt
42 = 42 Watt
50 = 50 Watt
52 = 52 Watt
64 = 64 Watt
07 = 70 Watt
84 = 84 Watt
10 = 100 Watt
15 = 150 Watt
17 = 175 Watt

(3) LAMP TYPE
H = Metal Halide (Medium Base)
(50, 70, 100, 150 & 175 Watt)
S = High Pressure Sodium (Medium Base)
(50, 70, 100 & 150 Watt)
F = Compact Fluorescent
(26, 32, 42, 52, 64 & 84 Watt)

(4) BALLAST VOLTAGE
04 = 120/208/240/277V 60HZ
22 = 220V/240V 50HZ
48 = 480V 60HZ
U = 120 thru 277V 50/60HZ
(compact fluorescent)

(5) GLOBE & GUARD
GG = Globe and Guard
G = Globe only

(6) MOUNTING STYLE
P = 3/4" Pendant Mount
P1 = 1" Pendant Mount
C = 3/4" Ceiling Mount
C1 = 1" Ceiling Mount
W = 3/4" Wall Mount
W1 = 1" Wall Mount
S = 1-1/4" Stanchion Mount
S1 = 1-1/2" Stanchion Mount
T = Trunnion Mount*

(7) OPTIONS[1]
FB1 = Single Fuse Block [2 3]
FB2 = Double Fuse Block [2 3]
EM = Emergency Battery Backup w/ AC Ballast (CFL Only)
EMO = Emergency Only Battery Backup w/o AC Ballast (CFL Only)
PS = Pulse Start (for 150 & 175W MH Lamps)
BP = Ballast Protector
SC = Safety Cable & Eye Bolt
EB = Eye Bolt Only

[1] Consult factory for pricing.
[2] Not available with multi-tap ballast unless voltage is specified. When installed, one fuse block is provided for 120,277V and two fuse blocks are provided for 208, 220, 240 & 480V. Fuse not included.
[3] Fuse option not available for marine listed fixtures.

* Trunnion mount not approved for use in Class II environments

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

HID• COMPACT FLUORESCENT

SXPJ Series

Explosion Proof • UL 844 & 1598A • Marine Outside Type • Factory Sealed

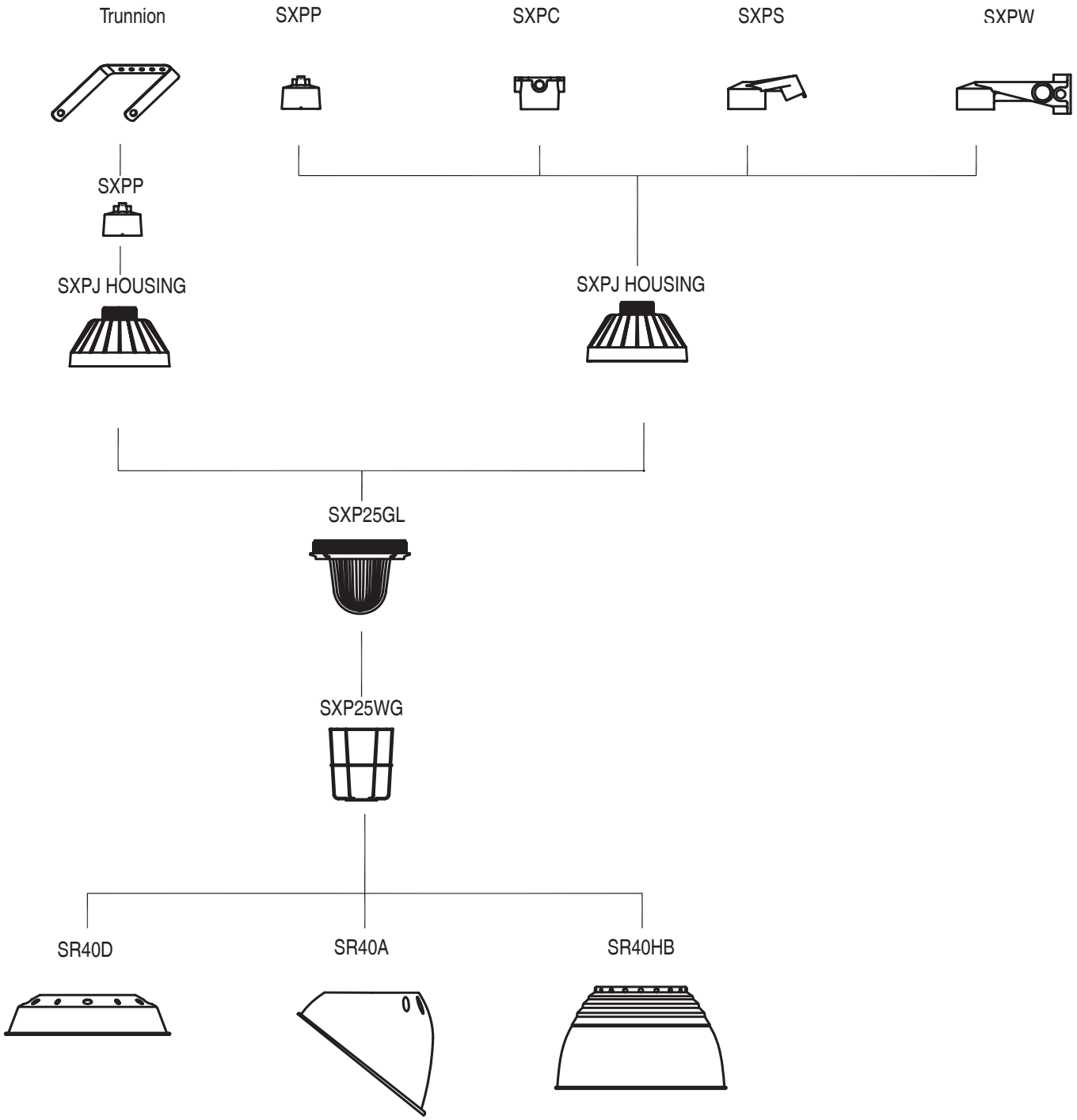
Certification Guide

MODEL	TYPE (*)	LAMP WATTS	MOUNT	AMBIENT TEMPERATURE °C	CLASS I DIVISION 1 GROUPS C & D	CLASS I ZONE 1 GROUPS IIA & IIB	CLASS II DIVISION 1 GROUPS E, F & G, CLASS III	SUPPLY WIRE SUITABLE TEMPERATURE °C	UL 1598A
SXPJ15S	HPS	150	P,C,W,S,T	40	T4	T4	--	90	YES
SXPJ15S	HPS	150	P,C,W,S,T	55	T4	T4	--	90	YES
SXPJ10S	HPS	100	P,C,W,S	40	T4A	T4	T4	90	YES
SXPJ10S	HPS	100	T	40	T4A	T4	--	90	YES
SXPJ10S	HPS	100	P,C,W,S,T	55	T4A	T4	--	90	YES
SXPJ10S	HPS	100	P,C,W,S,T	65	T4A	T4	--	90	YES
SXPJ07S	HPS	70	P,C,W,S	40	T5	T5	T4A	90	YES
SXPJ07S	HPS	70	T	40	T5	T5	--	90	YES
SXPJ07S	HPS	70	P,C,W,S,T	55	T5	T5	--	90	YES
SXPJ07S	HPS	70	P,C,W,S,T	65	T4A	T4	--	90	YES
SXPJ05S	HPS	50	P,C,W,S	40	T5	T5	T4A	90	YES
SXPJ05S	HPS	50	T	40	T5	T5	--	90	YES
SXPJ05S	HPS	50	P,C,W,S,T	55	T5	T5	--	90	YES
SXPJ05S	HPS	50	P,C,W,S,T	65	T4A	T4	--	90	YES
SXPJ17H	PSMH	175	P,C,W,S,T	40	T3C	T3	--	90	YES
SXPJ17H	PSMH	175	P,C,W,S,T	55	T3C	T3	--	90	YES
SXPJ15H	PSMH	150	P,C,W,S,T	40	T3C	T3	--	90	YES
SXPJ15H	PSMH	150	P,C,W,S,T	55	T3C	T3	--	90	YES
SXPJ10H	PSMH	100	P,C,W,S,T	40	T4A	T4	--	90	YES
SXPJ10H	PSMH	100	P,C,W,S,T	55	T4A	T4	--	90	YES
SXPJ10H	PSMH	100	P,C,W,S,T	65	T4	T4	--	90	YES
SXPJ07H	PSMH	70	P,C,W,S	40	T5	T5	T4A	90	YES
SXPJ07H	PSMH	70	T	40	T5	T5	--	90	YES
SXPJ07H	PSMH	70	P,C,W,S,T	55	T4A	T4	--	90	YES
SXPJ07H	PSMH	70	P,C,W,S,T	65	T4A	T4	--	90	YES
SXPJ05H	PSMH	50	P,C,W,S	40	T5	T5	T4A	90	YES
SXPJ05H	PSMH	50	T	40	T5	T5	--	90	YES
SXPJ05H	PSMH	50	P,C,W,S,T	55	T4A	T4	--	90	YES
SXPJ05H	PSMH	50	P,C,W,S,T	65	T4A	T4	--	90	YES
SXPJ03H	PSMH	39	P,C,W,S	40	T5	T5	T4A	90	YES
SXPJ03H	PSMH	39	T	40	T5	T5	--	90	YES
SXPJ03H	PSMH	39	P,C,W,S,T	55	T4A	T4	--	90	YES
SXPJ03H	PSMH	39	P,C,W,S,T	65	T4A	T4	--	90	YES
SXPJ26F	CFL	26	P,C,W	40	T6	T6	T6	90	YES
SXPJ26F	CFL	26	S	40	T5	T5	T5	90	YES
SXPJ26F	CFL	26	T	40	T5	T5	--	90	YES
SXPJ26F	CFL	26	P,C,W	55	T6	T6	--	90	YES
SXPJ26F	CFL	26	S,T	55	T5	T5	--	90	YES
SXPJ32F	CFL	32	P,C,W	40	T6	T6	T6	90	YES
SXPJ32F	CFL	32	S	40	T5	T5	T5	90	YES
SXPJ32F	CFL	32	T	40	T5	T5	--	90	YES
SXPJ32F	CFL	32	P,C,W	55	T6	T6	--	90	YES
SXPJ32F	CFL	32	S,T	55	T5	T5	--	90	YES
SXPJ42F	CFL	42	P,C,W	40	T6	T6	T6	90	YES
SXPJ42F	CFL	42	S	40	T5	T5	T5	90	YES
SXPJ42F	CFL	42	T	40	T5	T5	--	90	YES
SXPJ42F	CFL	42	P,C,W	55	T6	T6	--	90	YES
SXPJ42F	CFL	42	S,T	55	T5	T5	--	90	YES
SXPJ52F	CFL	52	P,C,W	40	T6	T6	T5	90	YES
SXPJ52F	CFL	52	S	40	T5	T5	T5	90	YES
SXPJ52F	CFL	52	T	40	T5	T5	--	90	YES
SXPJ64F	CFL	64	P,C,W	40	T6	T6	T5	90	YES
SXPJ64F	CFL	64	S	40	T5	T5	T5	90	YES
SXPJ64F	CFL	64	T	40	T5	T5	--	90	YES
SXPJ84F	CFL	84	P,C,W	40	T6	T6	T5	90	YES
SXPJ84F	CFL	84	S	40	T5	T5	T5	90	YES
SXPJ84F	CFL	84	T	40	T5	T5	--	90	YES

(*) Medium base

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High Pressure Sodium with Guard 50-150 Watts

(Lamps not included)

Mounting Style	ANSI Lamp Watts	Conduit Lamp Type	Size (In.)	CATALOG NUMBER 120/208/240/277V	CATALOG NUMBER 480V 60 HZ	CATALOG NUMBER 220/240V 50 HZ	Shipping Weight (Lbs.)
PENDANT 	50	S68	3/4	SXPJ05-S-04-GG-P	SXPJ05-S-48-GG-P	SXPJ05-S-22-GG-P	34.5
	50	S68	1	SXPJ05-S-04-GG-P1	SXPJ05-S-48-GG-P1	SXPJ05-S-22-GG-P1	34.5
	70	S62	3/4	SXPJ07-S-04-GG-P	SXPJ07-S-48-GG-P	SXPJ07-S-22-GG-P	34.5
	70	S62	1	SXPJ07-S-04-GG-P1	SXPJ07-S-48-GG-P1	SXPJ07-S-22-GG-P1	34.5
	100	S54	3/4	SXPJ10-S-04-GG-P	SXPJ10-S-48-GG-P	SXPJ10-S-22-GG-P	37
	100	S54	1	SXPJ10-S-04-GG-P1	SXPJ10-S-48-GG-P1	SXPJ10-S-22-GG-P1	37
	150	S55	3/4	SXPJ15-S-04-GG-P	SXPJ15-S-48-GG-P	SXPJ15-S-22-GG-P	37
	150	S55	1	SXPJ15-S-04-GG-P1	SXPJ15-S-48-GG-P1	SXPJ15-S-22-GG-P1	37
CEILING 	50	S68	3/4	SXPJ05-S-04-GG-C	SXPJ05-S-48-GG-C	SXPJ05-S-22-GG-C	36.5
	50	S68	1	SXPJ05-S-04-GG-C1	SXPJ05-S-48-GG-C1	SXPJ05-S-22-GG-C1	36.5
	70	S62	3/4	SXPJ07-S-04-GG-C	SXPJ07-S-48-GG-C	SXPJ07-S-22-GG-C	36.5
	70	S62	1	SXPJ07-S-04-GG-C1	SXPJ07-S-48-GG-C1	SXPJ07-S-22-GG-C1	36.5
	100	S54	3/4	SXPJ10-S-04-GG-C	SXPJ10-S-48-GG-C	SXPJ10-S-22-GG-C	39
	100	S54	1	SXPJ10-S-04-GG-C1	SXPJ10-S-48-GG-C1	SXPJ10-S-22-GG-C1	39
	150	S55	3/4	SXPJ15-S-04-GG-C	SXPJ15-S-48-GG-C	SXPJ15-S-22-GG-C	39
	150	S55	1	SXPJ15-S-04-GG-C1	SXPJ15-S-48-GG-C1	SXPJ15-S-22-GG-C1	39
WALL 	50	S68	3/4	SXPJ05-S-04-GG-W	SXPJ05-S-48-GG-W	SXPJ05-S-22-GG-W	38.5
	50	S68	1	SXPJ05-S-04-GG-W1	SXPJ05-S-48-GG-W1	SXPJ05-S-22-GG-W1	38.5
	70	S62	3/4	SXPJ07-S-04-GG-W	SXPJ07-S-48-GG-W	SXPJ07-S-22-GG-W	38.5
	70	S62	1	SXPJ07-S-04-GG-W1	SXPJ07-S-48-GG-W1	SXPJ07-S-22-GG-W1	38.5
	100	S54	3/4	SXPJ10-S-04-GG-W	SXPJ10-S-48-GG-W	SXPJ10-S-22-GG-W	41
	100	S54	1	SXPJ10-S-04-GG-W1	SXPJ10-S-48-GG-W1	SXPJ10-S-22-GG-W1	41
	150	S55	3/4	SXPJ15-S-04-GG-W	SXPJ15-S-48-GG-W	SXPJ15-S-22-GG-W	41
	150	S55	1	SXPJ15-S-04-GG-W1	SXPJ15-S-48-GG-W1	SXPJ15-S-22-GG-W1	41
STANCHION ★ 	50	S68	1-1/4	SXPJ05-S-04-GG-S	SXPJ05-S-48-GG-S	SXPJ05-S-22-GG-S	35.5
	50	S68	1-1/2	SXPJ05-S-04-GG-S1	SXPJ05-S-48-GG-S1	SXPJ05-S-22-GG-S1	35.5
	70	S62	1-1/4	SXPJ07-S-04-GG-S	SXPJ07-S-48-GG-S	SXPJ07-S-22-GG-S	35.5
	70	S62	1-1/2	SXPJ07-S-04-GG-S1	SXPJ07-S-48-GG-S1	SXPJ07-S-22-GG-S1	35.5
	100	S54	1-1/4	SXPJ10-S-04-GG-S	SXPJ10-S-48-GG-S	SXPJ10-S-22-GG-S	38
	100	S54	1-1/2	SXPJ10-S-04-GG-S1	SXPJ10-S-48-GG-S1	SXPJ10-S-22-GG-S1	38
	150	S55	1-1/4	SXPJ15-S-04-GG-S	SXPJ15-S-48-GG-S	SXPJ15-S-22-GG-S	38
	150	S55	1-1/2	SXPJ15-S-04-GG-S1	SXPJ15-S-48-GG-S1	SXPJ15-S-22-GG-S1	38
TRUNNION ★ 	50	S68	3/4	SXPJ05-S-04-GG-T	SXPJ05-S-48-GG-T	SXPJ05-S-22-GG-T	37.5
	70	S62	3/4	SXPJ07-S-04-GG-T	SXPJ07-S-48-GG-T	SXPJ07-S-22-GG-T	37.5
	100	S54	3/4	SXPJ10-S-04-GG-T	SXPJ10-S-48-GG-T	SXPJ10-S-22-GG-T	40
	150	S55	3/4	SXPJ15-S-04-GG-T	SXPJ15-S-48-GG-T	SXPJ15-S-22-GG-T	40

★ Refer to Certification Guide to determine suitability of individual fixture.

HID • COMPACT FLUORESCENT

SXPJ Series

Explosion Proof • UL 844, &1598A • Marine Outside Type • Factory Sealed

Metal Halide with Guard 50-175 Watts

(Lamps not included)

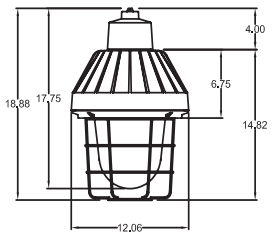
Mounting Style	ANSI Lamp Watts	Conduit Lamp Type	Size (In.)	CATALOG NUMBER 120/208/240/277V	480V 60 HZ	220/240V 50 HZ	Shipping Weight (Lbs.)
PENDANT 	50	M110	3/4	SXPJ05-H-04-GG-P	SXPJ05-H-48-GG-P	SXPJ05-H-22-GG-P	34.5
	50	M110	1	SXPJ05-H-04-GG-P1	SXPJ05-H-48-GG-P1	SXPJ05-H-22-GG-P1	34.5
	70	M98	3/4	SXPJ07-H-04-GG-P	SXPJ07-H-48-GG-P	SXPJ07-H-22-GG-P	34.5
	70	M98	1	SXPJ07-H-04-GG-P1	SXPJ07-H-48-GG-P1	SXPJ07-H-22-GG-P1	34.5
	100	M90	3/4	SXPJ10-H-04-GG-P	SXPJ10-H-48-GG-P	SXPJ10-H-22-GG-P	37
	100	M90	1	SXPJ10-H-04-GG-P1	SXPJ10-H-48-GG-P1	SXPJ10-H-22-GG-P1	37
	150	M102	3/4	SXPJ15-H-04-GG-P	SXPJ15-H-48-GG-P	SXPJ15-H-22-GG-P	37
	150	M102	1	SXPJ15-H-04-GG-P1	SXPJ15-H-48-GG-P1	SXPJ15-H-22-GG-P1	37
	175	M137/M152	3/4	SXPJ17-H-04-GG-P	SXPJ17-H-48-GG-P	SXPJ17-H-22-GG-P	41
	175	M137/M152	1	SXPJ17-H-04-GG-P1	SXPJ17-H-48-GG-P1	SXPJ17-H-22-GG-P1	41
CEILING 	50	M110	3/4	SXPJ05-H-04-GG-C	SXPJ05-H-48-GG-C	SXPJ05-H-22-GG-C	36.5
	50	M110	1	SXPJ05-H-04-GG-C1	SXPJ05-H-48-GG-C1	SXPJ05-H-22-GG-C1	36.5
	70	M98	3/4	SXPJ07-H-04-GG-C	SXPJ07-H-48-GG-C	SXPJ07-H-22-GG-C	36.5
	70	M98	1	SXPJ07-H-04-GG-C1	SXPJ07-H-48-GG-C1	SXPJ07-H-22-GG-C1	36.5
	100	M90	3/4	SXPJ10-H-04-GG-C	SXPJ10-H-48-GG-C	SXPJ10-H-22-GG-C	39
	100	M90	1	SXPJ10-H-04-GG-C1	SXPJ10-H-48-GG-C1	SXPJ10-H-22-GG-C1	39
	150	M102	3/4	SXPJ15-H-04-GG-C	SXPJ15-H-48-GG-C	SXPJ15-H-22-GG-C	39
	150	M102	1	SXPJ15-H-04-GG-C1	SXPJ15-H-48-GG-C1	SXPJ15-H-22-GG-C1	39
	175	M137/M152	3/4	SXPJ17-H-04-GG-C	SXPJ17-H-48-GG-C	SXPJ17-H-22-GG-C	43
	175	M137/M152	1	SXPJ17-H-04-GG-C1	SXPJ17-H-48-GG-C1	SXPJ17-H-22-GG-C1	43
WALL 	50	M110	3/4	SXPJ05-H-04-GG-W	SXPJ05-H-48-GG-W	SXPJ05-H-22-GG-W	38.5
	50	M110	1	SXPJ05-H-04-GG-W1	SXPJ05-H-48-GG-W1	SXPJ05-H-22-GG-W1	38.5
	70	M98	3/4	SXPJ07-H-04-GG-W	SXPJ07-H-48-GG-W	SXPJ07-H-22-GG-W	38.5
	70	M98	1	SXPJ07-H-04-GG-W1	SXPJ07-H-48-GG-W1	SXPJ07-H-22-GG-W1	38.5
	100	M90	3/4	SXPJ10-H-04-GG-W	SXPJ10-H-48-GG-W	SXPJ10-H-22-GG-W	41
	100	M90	1	SXPJ10-H-04-GG-W1	SXPJ10-H-48-GG-W1	SXPJ10-H-22-GG-W1	41
	150	M102	3/4	SXPJ15-H-04-GG-W	SXPJ15-H-48-GG-W	SXPJ15-H-22-GG-W	41
	150	M102	1	SXPJ15-H-04-GG-W1	SXPJ15-H-48-GG-W1	SXPJ15-H-22-GG-W1	41
	175	M137/M152	3/4	SXPJ17-H-04-GG-W	SXPJ17-H-48-GG-W	SXPJ17-H-22-GG-W	45
	175	M137/M152	1	SXPJ17-H-04-GG-W1	SXPJ17-H-48-GG-W1	SXPJ17-H-22-GG-W1	45
STANCHION ★ 	50	M110	1-1/4	SXPJ05-H-04-GG-S	SXPJ05-H-48-GG-S	SXPJ05-H-22-GG-S	35.5
	50	M110	1-1/2	SXPJ05-H-04-GG-S1	SXPJ05-H-48-GG-S1	SXPJ05-H-22-GG-S1	35.5
	70	M98	1-1/4	SXPJ07-H-04-GG-S	SXPJ07-H-48-GG-S	SXPJ07-H-22-GG-S	35.5
	70	M98	1-1/2	SXPJ07-H-04-GG-S1	SXPJ07-H-48-GG-S1	SXPJ07-H-22-GG-S1	35.5
	100	M90	1-1/4	SXPJ10-H-04-GG-S	SXPJ10-H-48-GG-S	SXPJ10-H-22-GG-S	38
	100	M90	1-1/2	SXPJ10-H-04-GG-S1	SXPJ10HS-48-GG-S1	SXPJ10-H-22-GG-S1	38
	150	M102	1-1/4	SXPJ15-H-04-GG-S	SXPJ15-H-48-GG-S	SXPJ15-H-22-GG-S	38
	150	M102	1-1/2	SXPJ15-H-04-GG-S1	SXPJ15-H-48-GG-S1	SXPJ15-H-22-GG-S1	38
	175	M137/M152	1-1/4	SXPJ17-H-04-GG-S	SXPJ17-H-48-GG-S	SXPJ17-H-22-GG-S	42
	175	M137/M152	1-1/2	SXPJ17-H-04-GG-S1	SXPJ17-H-48-GG-S1	SXPJ17-H-22-GG-S1	42
TRUNNION ★ 	50	M110	3/4	SXPJ05-H-04-GG-T	SXPJ05-H-48-GG-T	SXPJ05-H-22-GG-T	37.5
	70	M98	3/4	SXPJ07-H-04-GG-T	SXPJ07-H-48-GG-T	SXPJ07-H-22-GG-T	37.5
	100	M90	3/4	SXPJ10-H-04-GG-T	SXPJ10-H-48-GG-T	SXPJ10-H-22-GG-T	40
	150	M102	3/4	SXPJ15-H-04-GG-T	SXPJ15-H-48-GG-T	SXPJ15-H-22-GG-T	40
	175	M137/M152	3/4	SXPJ17-H-04-GG-T	SXPJ17-H-48-GG-T	SXPJ17-H-22-GG-T	42

★ Refer to Certification Guide to determine suitability of individual fixture.

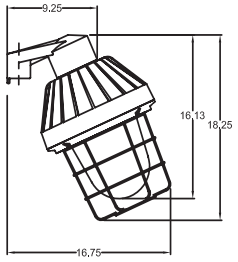
SXPJ Series

Explosion Proof • UL 844 & 1598A • Marine Outside Type • Factory Sealed

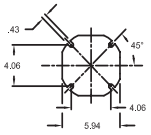
SXPJ Fixture Dimensions (inches)

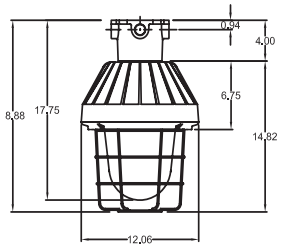


PENDANT MOUNT

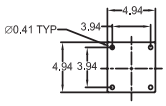


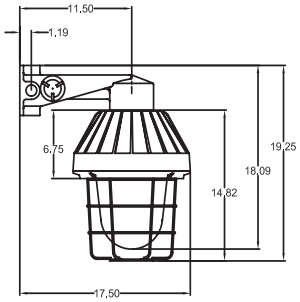
STANCHION MOUNT



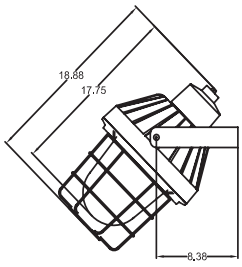


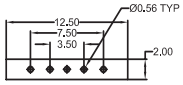
CEILING MOUNT





WALL MOUNT

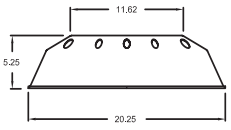




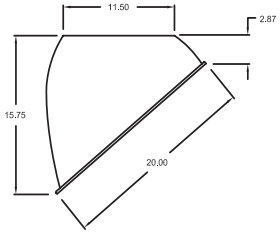
TRUNNION MOUNT

REFLECTORS

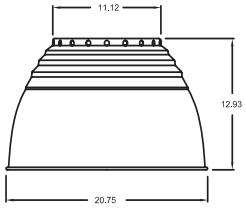
STANDARD DOME



ANGLE



DEEP DOME



SXPJ Series

Explosion Proof • UL 844, &1598A • Marine Outside Type • Factory Sealed

Coefficients of Utilization

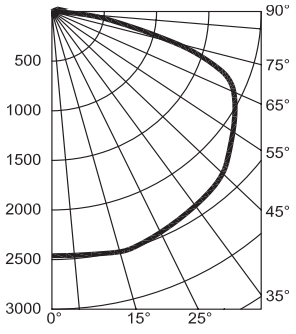
SXPJ17-HD-XX

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.92	.92	.92	.86	.86	.86	.78	.78	.78
1	.79	.75	.71	.73	.70	.67	.66	.65	.63
2	.67	.61	.56	.62	.57	.53	.57	.53	.50
3	.57	.50	.45	.53	.48	.43	.49	.45	.41
4	.50	.42	.37	.47	.40	.36	.43	.38	.34
5	.44	.36	.31	.41	.35	.30	.38	.33	.29
6	.39	.32	.26	.37	.30	.26	.34	.29	.25
7	.35	.28	.23	.33	.27	.22	.31	.26	.22
8	.32	.25	.20	.30	.24	.20	.28	.23	.19
9	.29	.22	.18	.28	.22	.18	.26	.21	.17
10	.27	.20	.16	.25	.20	.16	.24	.19	.15

Candlepower Distribution

Deg.	Parl.
5	2466
15	2507
25	2456
35	2389
45	2307
55	2112
65	1917
75	1210
85	251
90	56

Photometric Data



SXPJ Series

Explosion Proof • UL 844 & 1598A • Marine Outside Type • Factory Sealed

Compact Fluorescent with Guard 26, 32 & 42 Watts

(Lamps included)

Mounting Style	Lamp Watts	Lamp Base	Conduit Size (In.)	120 thru 277V 50/60 HZ Emergency & Normal	120 thru 277V 50/60 HZ Emergency Only	Shipping Weight (Lbs.)
PENDANT 	26	GX24Q-3	3/4	SXPJ26-F-U-GG-P-EM	SXPJ26-F-U-GG-P-EMO	38.5
	26	GX24Q-3	1	SXPJ26-F-U-GG-P1-EM	SXPJ26-F-U-GG-P1-EMO	38.5
	32	GX24Q-3	3/4	SXPJ32-F-U-GG-P-EM	SXPJ32-F-U-GG-P-EMO	38.5
	32	GX24Q-3	1	SXPJ32-F-U-GG-P1-EM	SXPJ32-F-U-GG-P1-EMO	38.5
	42	GX24Q-4	3/4	SXPJ42-F-U-GG-P-EM	SXPJ42-F-U-GG-P-EMO	38.5
	42	GX24Q-4	1	SXPJ42-F-U-GG-P1-EM	SXPJ42-F-U-GG-P1-EMO	38.5
CEILING 	26	GX24Q-3	3/4	SXPJ26-F-U-GG-C-EM	SXPJ26-F-U-GG-C-EMO	40.5
	26	GX24Q-3	1	SXPJ26-F-U-GG-C1-EM	SXPJ26-F-U-GG-C1-EMO	40.5
	32	GX24Q-3	3/4	SXPJ32-F-U-GG-C-EM	SXPJ32-F-U-GG-C-EMO	40.5
	32	GX24Q-3	1	SXPJ32-F-U-GG-C1-EM	SXPJ32-F-U-GG-C1-EMO	40.5
	42	GX24Q-4	3/4	SXPJ42-F-U-GG-C-EM	SXPJ42-F-U-GG-C-EMO	40.5
	42	GX24Q-4	1	SXPJ42-F-U-GG-C1-EM	SXPJ42-F-U-GG-C1-EMO	40.5
WALL 	26	GX24Q-3	3/4	SXPJ26-F-U-GG-W-EM	SXPJ26-F-U-GG-W-EMO	42.5
	26	GX24Q-3	1	SXPJ26-F-U-GG-W1-EM	SXPJ26-F-U-GG-W1-EMO	42.5
	32	GX24Q-3	3/4	SXPJ32-F-U-GG-W-EM	SXPJ32-F-U-GG-W-EMO	42.5
	32	GX24Q-3	1	SXPJ32-F-U-GG-W1-EM	SXPJ32-F-U-GG-W1-EMO	42.5
	42	GX24Q-4	3/4	SXPJ42-F-U-GG-W-EM	SXPJ42-F-U-GG-W-EMO	42.5
	42	GX24Q-4	1	SXPJ42-F-U-GG-W1-EM	SXPJ42-F-U-GG-W1-EMO	42.5
STANCHION ★ 	26	GX24Q-3	1-1/4	SXPJ26-F-U-GG-S-EM	SXPJ26-F-U-GG-S-EMO	39.5
	26	GX24Q-3	1-1/2	SXPJ26-F-U-GG-S1-EM	SXPJ26-F-U-GG-S1-EMO	39.5
	32	GX24Q-3	1-1/4	SXPJ32-F-U-GG-S-EM	SXPJ32-F-U-GG-S-EMO	39.5
	32	GX24Q-3	1-1/2	SXPJ32-F-U-GG-S1-EM	SXPJ32-F-U-GG-S1-EMO	39.5
	42	GXQ24-4	1-1/4	SXPJ42-F-U-GG-S-EM	SXPJ42-F-U-GG-S-EMO	39.5
	42	GXQ24-4	1-1/2	SXPJ42-F-U-GG-S1-EM	SXPJ42-F-U-GG-S1-EMO	39.5
TRUNNION ★ 	26	GX24Q-3	3/4	SXPJ26-F-U-GG-T-EM	SXPJ26-F-U-GG-T-EMO	41.5
	32	GX24Q-3	3/4	SXPJ32-F-U-GG-T-EM	SXPJ32-F-U-GG-T-EMO	41.5
	42	GX24Q-4	3/4	SXPJ42-F-U-GG-T-EM	SXPJ42-F-U-GG-T-EMO	41.5

★ Refer to Certification Guide to determine suitability of individual fixture.

SXPJ Series

Explosion Proof • UL 844, &1598A • Marine Outside Type • Factory Sealed

Compact Fluorescent with Guard 52, 64 & 84 Watts

(Lamps included)

Mounting Style	Lamp Watts	Lamp Base	Conduit Size (In.)	120 thru 277V 50/60 HZ		Shipping Weight (Lbs.)
				Emergency & Normal	Emergency Only	
PENDANT 	52	GX24Q-3	3/4	SXPJ52-F-U-GG-P-EM	SXPJ52-F-U-GG-P-EMO	38.5
	52	GX24Q-3	1	SXPJ52-F-U-GG-P1-EM	SXPJ52-F-U-GG-P1-EMO	38.5
	64	GX24Q-3	3/4	SXPJ64-F-U-GG-P-EM		38.5
	64	GX24Q-3	1	SXPJ64-F-U-GG-P1-EM		38.5
	84	GX24Q-4	3/4	SXPJ84-F-U-GG-P-EM		38.5
	84	GX24Q-4	1	SXPJ84-F-U-GG-P1-EM		38.5
CEILING 	52	GX24Q-3	3/4	SXPJ52-F-U-GG-C-EM	SXPJ52-F-U-GG-C-EMO	40.5
	52	GX24Q-3	1	SXPJ52-F-U-GG-C1-EM	SXPJ52-F-U-GG-C1-EMO	40.5
	64	GX24Q-3	3/4	SXPJ64-F-U-GG-C-EM		40.5
	64	GX24Q-3	1	SXPJ64-F-U-GG-C1-EM		40.5
	84	GX24Q-4	3/4	SXPJ84-F-U-GG-C-EM		40.5
	84	GX24Q-4	1	SXPJ84-F-U-GG-C1-EM		40.5
WALL 	52	GX24Q-3	3/4	SXPJ52-F-U-GG-W-EM	SXPJ52-F-U-GG-W-EMO	42.5
	52	GX24Q-3	1	SXPJ52-F-U-GG-W1-EM	SXPJ52-F-U-GG-W1-EMO	42.5
	64	GX24Q-3	3/4	SXPJ64-F-U-GG-W-EM		42.5
	64	GX24Q-3	1	SXPJ64-F-U-GG-W1-EM		42.5
	84	GX24Q-4	3/4	SXPJ84-F-U-GG-W-EM		42.5
	84	GX24Q-4	1	SXPJ84-F-U-GG-W1-EM		42.5
STANCHION ★ 	52	GX24Q-3	1-1/4	SXPJ52-F-U-GG-S-EM	SXPJ52-F-U-GG-S-EMO	39.5
	52	GX24Q-3	1-1/2	SXPJ52-F-U-GG-S1-EM	SXPJ52-F-U-GG-S1-EMO	39.5
	64	GX24Q-3	1-1/4	SXPJ64-F-U-GG-S-EM		39.5
	64	GX24Q-3	1-1/2	SXPJ64-F-U-GG-S1-EM		39.5
	42	GXQ24-4	1-1/4	SXPJ84-F-U-GG-S-EM		39.5
	42	GXQ24-4	1-1/2	SXPJ84-F-U-GG-S1-EM		39.5
TRUNNION ★ 	26	GX24Q-3	3/4	SXPJ52-F-U-GG-T-EM	SXPJ52-F-U-GG-T-EMO	41.5
	32	GX24Q-3	3/4	SXPJ64-F-U-GG-T-EM		41.5
	42	GX24Q-4	3/4	SXPJ84-F-U-GG-T-EM		41.5

★ Refer to Certification Guide to determine suitability of individual fixture.

SXPJ Series

Explosion Proof • UL 844 & 1598A • Marine Outside Type • Factory Sealed

Components and Accessories

Outlet Boxes	Description	Hub Size (In.)	Catalog Number	Shipping Weight (Lbs.)
	Pendant	3/4 1	SXPP SXPP1	2.15 2.15
	Ceiling	3/4 1	SXPC SXPC1	4.0 4.0
	Wall	3/4 1	SXPW SXPW1	6.20 6.20
	Stanchion	1-1/4 1-1/2	SXPS SXPS1	3.20 3.20

Globes and Guards	Description	Catalog Number	Shipping Weight (Lbs.)
	Prismatic Glass Globe Assembly for 70-150W HPS, 175-250W MH & LED	SXP25GL	6.50
	Stainless Steel Wire Guard for 70-150W HPS, 175-250W MH & LED	SXP25WG	1.50

Reflectors	Description	Catalog Number	Shipping Weight (Lbs.)
	Standard Dome Reflector Fiberglass Filled Polymeric	SR40D	3.00
	30° Angle Reflector Fiberglass Filled Polymeric	SR40A	4.50
	High Bay Aluminum Reflector with Baked on White Enamel	SR40HB	5.00

Connector Blocks And Sockets	Description	Catalog Number	Shipping Weight (Lbs.)
	Replacement Female Connector Block (for outlet boxes 50-400 W)	26641	1.00
	Replacement Socket 50-175 W Medium Base	70060	1.50

HID • COMPACT FLUORESCENT

SXPJ Floodlight Series

Explosion Proof • UL 844, &1598A • Marine Outside Type • Factory Sealed

Catalog Number Logic

SXPJ-15-S-04-GG-T-XX

1 2 3 4 5 6 7

1 BASIC SERIES
Class I, Division 1, Groups C & D
Class II, Division 1, Groups E, F & G*
Class III
Class I, Zone 1, Groups IIA & IIB
Factory Sealed
UL 1598, UL1598A, & UL 844
CUL
NEMA Type 4X, IP66

2 LAMP CURRENT/LAMP WATTAGE
26 = 26 Watt
32 = 32 Watt
42 = 42 Watt
52 = 52 Watt
64 = 64 Watt
84 = 84 Watt
05 = 50 Watt
07 = 70 Watt
10 = 100 Watt
15 = 150 Watt
17 = 175 Watt

3 LAMP TYPE
H = Metal Halide (Medium Base)
(50, 70, 100, 150 & 175 Watt)
S = High Pressure Sodium (Medium Base)
(50, 70, 100 & 150 Watt)
F = Compact Fluorescent
(26, 32, 42, 52, 64 & 84 Watt)

4 BALLAST VOLTAGE
04 = 120/208/240/277V 60 HZ
22 = 220V/240V 50 HZ
48 = 480V 60 HZ
U = 120 thru 277V 50/60 HZ
(compact fluorescent)

5 GLOBE & GUARD
GG = Globe and Guard
G = Globe only

6 MOUNTING STYLE
T = Trunnion Mount*

7 OPTIONS[1]
FB1 = Single Fuse Block [2 3]
FB2 = Double Fuse Block [2 3]
EM = Emergency Battery Backup
w/ AC Ballast (CFL Only)
EMO = Emergency Only Battery
Backup w/o AC Ballast
(CFL Only)
PS = Pulse Start (for 150 & 175W MH Lamps)
BP = Ballast Protector
SC = Safety Cable & Eye Bolt
EB = Eye Bolt Only

[1] Consult factory for pricing.
[2] Not available with multi-tap ballast unless voltage is specified. When installed, one fuse block is provided for 120,277V and two fuse blocks are provided for 208, 220, 240 & 480V. Fuse provided
[3] Fuse option not available for marine listed fixtures.

* Trunnion mount not approved for use in Class II environments

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

SXPJ Floodlight Series

Explosion Proof • UL 844 & 1598A • Marine Outside Type • Factory Sealed

Certification Guide

MODEL	TYPE (*)	LAMP WATTS	MOUNT	AMBIENT TEMPERATURE °C	CLASS I DIVISION 1 GROUPS C & D	SUPPLY WIRE SUITABLE TEMPERATURE °C	UL 1598A
SXP40S	HPS	400	T	40	T3A	90	YES
SXP25S	HPS	250	T	40	T3C	90	YES
SXP25S	HPS	250	T	55	T3C	90	YES
SXP15S	HPS	150	T	40	T4	90	YES
SXP15S	HPS	150	T	55	T4	90	YES
SXP15S	HPS	150	T	65	T3C	90	YES
SXP10S	HPS	100	T	40	T4A	90	YES
SXP10S	HPS	100	T	55	T4A	90	YES
SXP10S	HPS	100	T	65	T4	90	YES
SXP07S	HPS	70	T	40	T4A	90	YES
SXP07S	HPS	70	T	55	T4A	90	YES
SXP07S	HPS	70	T	65	T4	90	YES
SXP40H	PSMH	400	T	40	T3A	90	YES
SXP35H	PSMH	350	T	40	T3A	90	YES
SXP32H	PSMH	320	T	40	T3A	90	YES
SXP25H	PSMH	250	T	40	T3C	90	YES
SXP25H	PSMH	250	T	55	T3A	90	YES
SXP17H	PSMH	175	T	40	T4	90	YES
SXP17H	PSMH	175	T	55	T3C	90	YES
SXP17H	PSMH	175	T	65	T3C	90	YES
SXP15H	PSMH	150	T	40	T4	90	YES
SXP15H	PSMH	150	T	55	T3C	90	YES
SXP15H	PSMH	150	T	65	T3C	90	YES

(*) Mogul Base

HID • COMPACT FLUORESCENT

SXPJ Floodlight Series

Explosion Proof • UL 844, &1598A • Marine Outside Type • Factory Sealed

(Lamps included)

Lamp Type	Lamp Watts	ANSI Lamp Type	Conduit Size (In.)	CATALOG NUMBER			Shipping Weight (Lbs.)
				120/208/240/277	480V 60 HZ	220V 50 HZ	
HIGH PRESSURE SODIUM 	50	S68	3/4	**SXPJ50-S-04-GG-T**	**SXPJ07-S-48-GG-T**	**SXPJ07-S-22-GG-T**	37.5
	70	S62	3/4	**SXPJ07-S-04-GG-T**	**SXPJ10-S-48-GG-T**	**SXPJ10-S-22-GG-T**	37.5
	100	S54	3/4	**SXPJ10-S-04-GG-T**	**SXPJ15-S-48-GG-T**	**SXPJ15-S-22-GG-T**	40
	150	S55	3/4	**SXPJ15-S-04-GG-T**	**SXPJ25-S-48-GG-T**	**SXPJ25-S-22-GG-T**	40
METAL HALIDE 	50	M110	3/4	**SXPJ50-H-04-GG-T**	**SXPJ50-H-48-GG-T-PS**	**SXPJ50-H-22-GG-T-PS**	37.5
	70	M98	3/4	**SXPJ07-H-04-GG-T**	**SXPJ07-H-48-GG-T-PS**	**SXPJ07-H-22-GG-T-PS**	37.5
	100	M90	3/4	**SXPJ10-H-04-GG-TPS**	**SXPJ10-H-48-GG-T-PS**	**SXPJ10-H-22-GG-T-PS**	40
	150	M102	3/4	**SXPJ15-H-04-GG-TPS**	**SXPJ15-H-48-GG-T-PS**	**SXPJ15-H-22-GG-T-PS**	40
	175	M152	3/4	**SXPJ17-H-04-GG-TPS**	**SXPJ17-H-48-GG-T-PS**	**SXPJ17-H-22-GG-T-PS**	43.5
FLUORESCENT 	26	GX24Q3	3/4	**SXPJ26-F-U-GG-T**			41.5
	32	GX24Q3	3/4	**SXPJ32-F-U-GG-T**			41.5
	42	GX24Q4	3/4	**SXPJ42-F-U-GG-T**			41.5
	52	GX24Q3	3/4	**SXPJ52-F-U-GG-T**			41.5
	64	GX24Q3	3/4	**SXPJ64-F-U-GG-T**			41.5
	84	GX24Q4	3/4	**SXPJ84-F-U-GG-T**			41.5

SXPJ Floodlight Series

Explosion Proof • UL 844 & 1598A • Marine Outside Type • Factory Sealed

Components and Accessories

Outlet Boxes	Description	Hub Size (In.)	Catalog Number	Shipping Weight (Lbs.)
	Pendant	3/4 1	SXPP SXPP1	2.15 2.15

Reflectors	Description	Catalog Number	Shipping Weight (Lbs.)
	Standard Dome Reflector Fiberglass Filled Polymeric	SR40D	3.00
	30° Angle Reflector Fiberglass Filled Polymeric	SR40A	4.50
	High Bay Aluminum Reflector with Baked on White Enamel	SR40HB	5.00

Globes and Guards	Description	Catalog Number	Shipping Weight (Lbs.)
	Prismatic Glass Globe Assembly for 70-150W HPS, 175-250W MH & LED	SXP25GL	6.50
	Stainless Steel Wire Guard for 70-150W HPS, 175-250W MH & LED	SXP25WG	1.50

Connector Blocks And Sockets	Description	Catalog Number	Shipping Weight (Lbs.)
	Replacement Female Connector Block (for outlet boxes 50-400W)	26641	1.00
	Replacement Socket 50-175W Medium Base	70060	1.50

AFL FLOODLIGHT SERIES

AFL

Flood Lighting for Hazardous Locations

- Class I, Division 2, Groups A, B, C & D
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- Zone 2, Groups IIA, IIB & IIC
- CUL
- Cast Aluminum
- 55°C Ambient Temperature
  (AFL1 series)



c UL us LISTED

MARINE UL LISTED

AFL FLOODLIGHT SERIES

Flood Lighting for Hazardous Locations



Hinged copper-free cast aluminum lens frame with stainless steel slotted hex head captive screws. Front opening for easy relamping and ballast access.

All exposed hardware is marine grade.

Precision formed specular reflector for optimum photometric and lighting performance.

Thermal, shock, heat and impact resistant tempered clear glass lens.

One-piece copper-free cast aluminum lamp and ballast housing with baked on bronze polyester powder coat finish.

Weather resistant high temperature silicone or neoprene lens and lens door gasket assures long service life.

Sturdy mounting yoke.

METAL HALIDE • HIGH PRESSURE SODIUM

AFL Series

Hazardous Locations • Cast Aluminum • Class I, Divsion 2 • UL 1598A, 844 • CUL • Wet Locations

Catalog Number Logic

AFL1 40-S-04-T-66-XX

1 2 3 4 5 6 7

1 BASIC SERIES

AFL Floodlight Series

(i) AFL1 = 70-400 Watt Metal Halide and High Pressure Sodium
Class I, Division 2, Groups A, B, C & D
Zone 2, Groups IIA, IIB and IIC
UL 844 Hazardous Locations
UL 1598A Marine Outside Type
CUL

(ii) AFL2 = 875W & 1000W Metal Halide
UL 1598A Marine Outside Type

(iii) AFL5 = 1000W High Pressure Sodium
Class I, Division 2, Groups A, B, C & D
UL 844 Hazardous Locations
UL 1598A Marine Outside Type

2 LAMP CURRENT/LAMP WATTAGE

07 = 70 Watt
10 = 100 Watt
15 = 150 Watt
17 = 175 Watt
25 = 250 Watt
32 = 320 Watt
35 = 350 Watt
40 = 400 Watt
875 = 875 Watt
100 = 1000 Watt

3 LAMP TYPE (MOGUL BASE)

S = High Pressure Sodium
(70, 100, 150, 200, 250, 400 & 1000 Watt)
H = Metal Halide
(70, 100, 150, 175, 250, 320, 350, 400, 875 & 1000 Watt)

4 BALLAST VOLTAGE

04 = Multi-Tap (120, 208, 240 & 277V)
12 = 120V 60 HZ
20 = 208V 60 HZ
22 = 220V 50 HZ
24 = 240V 60 HZ
27 = 277V 60 HZ
34 = 347V 60 HZ
48 = 480V 60 HZ

5 MOUNTING

T = Trunnion

6 BEAM SPREAD

76 = 7V X 6H[6]
67 = 5V X 7H[6]
66 = 6V X 6H
55 = 5V X 5H[6]

7 OPTIONS[1]

Q = Auxiliary Quartz Relay
QTD = Auxiliary Quartz Relay Hot and Cold Start
PC = Photo Cell[3]
V = Visor
LS = Lamp Support
FB1 = Single Fuse Block[2,3,4]
FB2 = Double Fuse Block[2,3,]
PL = Clear Acrylic Shield
SMS = Shock Mounted Socket
SC = Safety Cable (Eye Bold Included)
PS = Pulse Start[5]
R = Instant Restrike (HPS only up to 150W)

[1] Consult factory for pricing.

[2] Limited to 175W Maximum HID Lamp

[3] Not suitable for hazardous locations.

[4] Not available with multi-tap ballast unless incoming voltage is specified. When installed, one fuse block/fuse holder is provided for 120, 277V. Fuse not included. Option not available for marine listed fixtures.

[5] Use universal or appropriate position oriented lamp.

[6] AFL 2 & 5 only.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

METAL HALIDE • HIGH PRESSURE SODIUM

AFL Series

Hazardous Locations • Cast Aluminum • Class I, Divsion 2 • UL 1598A, 844 • CUL • Wet Locations



(Lamps not included)

Shown with optional visor.

- Class I, Division 2, Groups A,B,C and D
  (See below for suitability as designated for ①,② or ③)
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- Zone 2, Groups IIA, IIB and IIC
- One-piece copper-free cast aluminum lamp and ballast housing with baked on bronze polyester powder coat finish
- Precision formed specular finished reflector for optimum photometric performance
- Thermal shock, heat and impact-resistant tempered glass lens
- Marine grade hardware
- 55°C Ambient Temperature (AFL1 Series)

Fixture Type	Figure Number	Lamp Wattage	Voltage	Catalog Number	Shipping Weight (Lbs.)
High Pressure Sodium	1	70	Multi-Tap*	**AFL07-S-04-T-66** ①②③	34.0
			480V/60HZ	**AFL07-S-48-T-66** ①②③	34.0
		100	Multi-Tap*	**AFL110-S-04-T-66** ①②③	34.0
			480V/60HZ	**AFL110-S-48-T-66** ①②③	34.0
		150	Multi-Tap*	**AFL115-S-04-T-66** ①②③	34.0
			480V/60HZ	**AFL115-S-48-T-66** ①②③	34.0
		250	Multi-Tap*	**AFL125-S-04-T-66** ①②③	37.0
			480V/60HZ	**AFL125-S-48-T-66** ①②③	36.5
		400	Multi-Tap*	**AFL140-S-04-T-66** ①②③	39.5
			480V/60HZ	**AFL140-S-48-T-66** ①②③	39.0
	5	1000	Multi-Tap*	**AFL5100-S-04-T-76** ①②	65.5
			480V/60HZ	**AFL5100-S-48-T-76** ①②	65.0
Metal Halide	1	175	Multi-Tap*	**AFL117-H-04-T-66-PS** ①②	35.0
			480V/60HZ	**AFL117-H-48-T-66-PS** ①②	35.0
		250	Multi-Tap*	**AFL125-H-04-T-66-PS** ①②③	35.0
			480V/60HZ	**AFL125-H-48-T-66-PS** ①②③	34.0
		320	Multi-Tap*	**AFL132-H-04-T-66-PS** ①②③	39.5
			480V/60HZ	**AFL132-H-48-T-66-PS** ①②③	39.0
		350	Multi-Tap*	**AFL135-H-04-T-66** ①②③	36.5
			480V/60HZ	**AFL135-H-48-T-66** ①②③	36.5
		400	Multi-Tap*	**AFL140-H-04-T-66** ①②③	36.5
			480V/60HZ	**AFL140-H-48-T-66** ①②③	36.5
	2	1000	Multi- Tap*	**AFL2100-H-04-T-66** ②	77.0
			480V/60HZ	**AFL2100-H-48-T-66** ②	77.0

*120/208/240/277V 60HZ
① Class I, Division 2, UL 844 Listed
② UL 1598A Listed
③ CUL

AFL Series

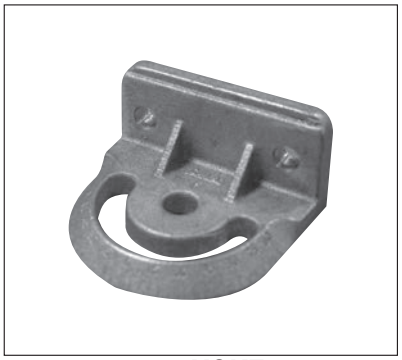
Hazardous Locations • Cast Aluminum • Class I, Divsion 2 • UL 1598A, 844 • CUL • Wet Locations

Certification Guide

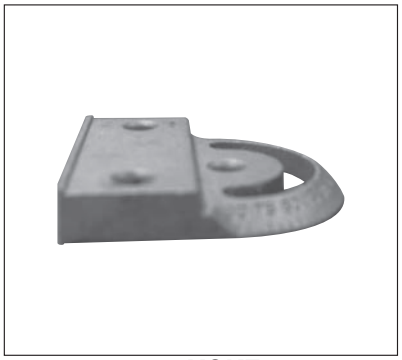
Model	Lamp	Ambient Temperature °C	Class I, Division 2 Groups A,B, C & D	Supply Wire Suitable Temperature °C
AFL140	MH	55	T1 (350°C)	105
AFL125	MH	55	T1 (325°C)	90
AFL117	MH	55	T1(325°C)	90
AFL115	MH	55	T1 (325°C)	90
AFL140	HPS	55	T1(450°C)	105
AFL125	HPS	55	T1 (350°C)	90
AFL115	HPS	55	T1 (350°C)	90
AFL5100	HPS	25	T1	90

Accessories

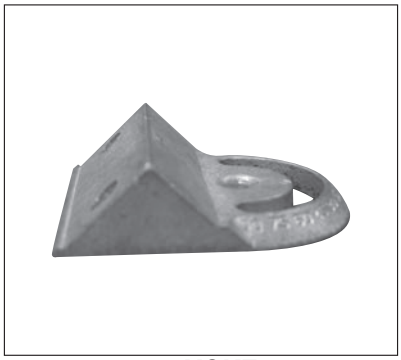
NOTE:
FLB-3 and FLB-5 fit 2 in. to 2-1/2 in. pipe size (2-3/8 in. to 2-7/8 in. O.D.)



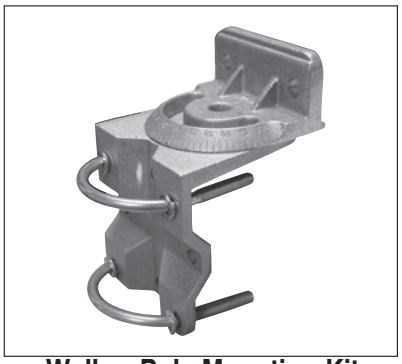
180° YOKE
Horizontal Mounting Kit
180° Adjustment, Includes (2) 1/2 in. Bolts
Catalog Number: FLB-2
Shipping Weight: 1.4 lbs.



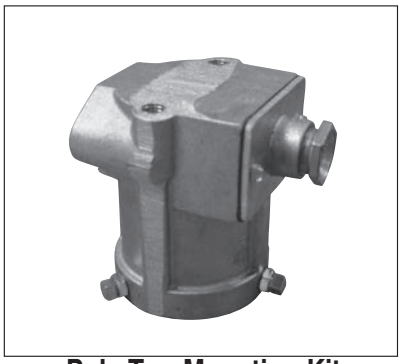
90° YOKE
Horizontal Mounting Kit
90°Adjustment, Includes (2) 1/2 in. Bolts
Catalog Number: FLB-2-90
Shipping Weight: 1.3 lbs.



45° YOKE
Horizontal Mounting Kit
45° Adjustment, Includes (2) 1/2 in. Bolts
Catalog Number: FLB-2-45
Shipping Weight: 1.5 lbs.



Wall or Pole Mounting Kit
Wall or Pole Mount, Includes (2) U-Bolts
Catalog Number: FLB-3
Shipping Weight: 3.6 lbs.



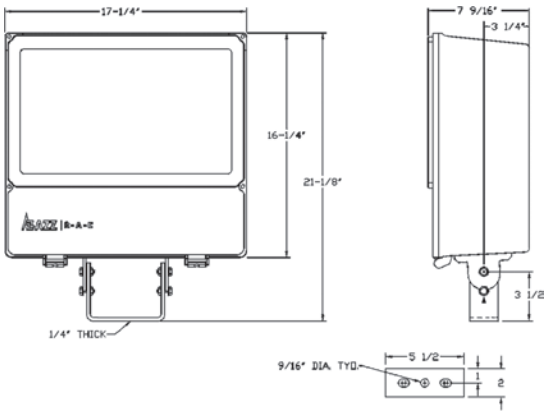
Pole Top Mounting Kit
Gasket Wiring Compartment Adapts Horizontal or Vertical Mounting Yokes, Includes (3) Set Screws,
Catalog Number: FLB-5 Shipping Weight: 3.2 lbs.

AFL Series

Hazardous Locations • Cast Aluminum • Class I, Divsion 2 • UL 1598A, 844 • CUL • Wet Locations

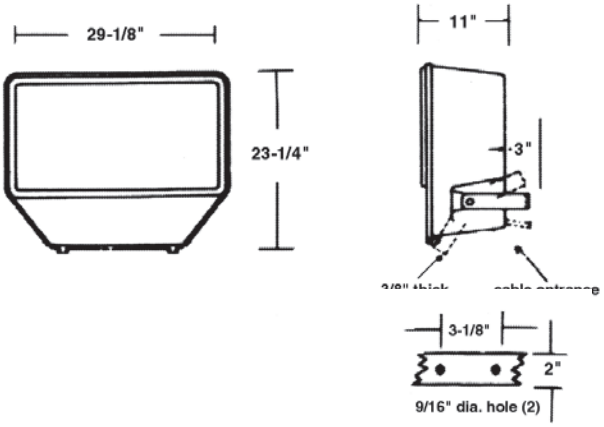
Fixture Dimensions (inches)

AFL1
FIGURE 1



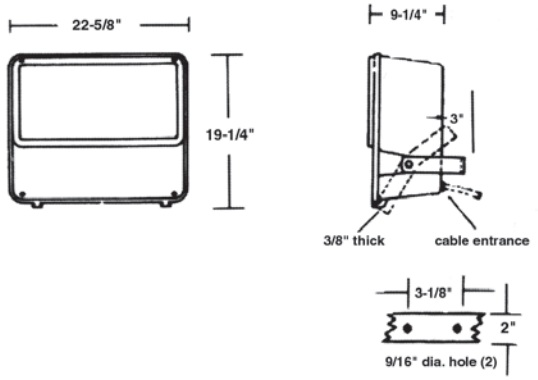
EFFECTIVE PROJECTED AREA 2.0 sq. ft.
175-400 Watt Metal Halide
70-400 High Pressure Sodium

AFL2
FIGURE 2



EFFECTIVE PROJECTED AREA 4.40 sq. ft.
1000 Watt Metal Halide

AFL5
FIGURE 3



EFFECTIVE PROJECTED AREA 3.02 sq. ft.
1000 Watt High Pressure Sodium

SSFN SERIES

Stainless Steel Flood Lighting for Hazardous Locations

SSFN

- Class I, Division 2 Groups A, B, C & D
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- CUL
- IP66
- Class I, Zone 2
- Restricted Breathing (400W Max.)
- AEx nR II, Ex nR II T3
- Enclosed & Gasketed
- NEMA 3R, 4X
- 40° C Ambient (320-1000W)
- 55° C Ambient (175-250W)



c UL us LISTED

MARINE UL LISTED

CSA

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SSFN SERIES

Stainless Steel Flood Lighting for Hazardous Locations



- Restricted Breathing – no annual testing required

SSFN Series

Hazardous Locations • Stainless Steel • Class I, Division 2 • UL 1598A, 844 • CUL • AEx nR II, Ex nR II , T3

Catalog Number Logic

SSFN 40-S-04-XX

1 2 3 4 5

1 BASIC SERIES
SSFN Stainless Flood Light
Class I, Division 2 Groups A, B, C & D
Class I, Zone 2
UL 844 Hazardous Locations
UL 1598 Wet Locations
UL 1598A Marine Outside Type
CUL
AEx nR II, Ex nR II- T3
Restricted Breathing (400W Max.)
IP66

2 LAMP CURRENT/LAMP WATTAGE
07 = 70 Watt
10 = 100 Watt
15 = 150 Watt
17 = 175 Watt
25 = 250 Watt
32 = 320 Watt
35 = 350 Watt
40 = 400 Watt
100 = 1000 Watt

3 LAMP TYPE (MOGUL BASE)
S = High Pressure Sodium
(100, 150, 200, 250 & 400 Watt)
H = Metal Halide
(100, 175, 250, 320, 350,
400 & 1000 Watt)

4 VOLTAGE/FREQUENCY
04 = Multi-tap (120, 208, 220, 240 & 277V)
12 = 120V 60 HZ
20 = 208V 60 HZ
22 = 220 thru 240V 50 HZ
24 = 240V 60 HZ
27 = 277V 60 HZ
34 = 347V 60 HZ
48 = 480V 60 HZ

5 OPTIONS[1]
Q = Auxiliary Quartz Relay[2]
QTD= Auxiliary Quartz Relay Hot & Cold Start[2]
PC = Photo Cell[3]
FB1 = Single Fuse Block[4,5]
FB2 = Double Fuse Block[4,5]
PL = Clear Acrylic Shield
R = Instant Restrike (HPS Only- up to 150W)
316 = Type 316 Stainless Steel Body
PS = Pulse Start[6]
LS = Lamp Support
V = Visor[7]

[1] Consult factory for pricing.
[2] Limited to 175W Maximum HID Lamp
[3] Not suitable for hazardous locations.
[4] Not available with multi-tap ballast unless incoming voltage is specified. When installed, one fuse block/fuse holder is provided for 120, 277V. Fuse not included. Option not available for marine listed fixtures.
[5] Not available with multi-tap ballast unless incoming voltage is specified. When installed, two fuse blocks/fuse holders are provided for 208, 240, 347 and 480V. Fuse not included. Option not available for marine listed fixtures.
[6] Use universal or appropriate position oriented lamp.
[7] Available for fixtures up to 400W.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

METAL HALIDE • HIGH PRESSURE SODIUM

SSFN Series

Hazardous Locations • Stainless Steel • Class I, Division 2 • UL 1598A, 844 • CUL • AEx nR II, Ex nR II , T3



(Lamps not included)

- Class I, Division 2, Groups A, B, C and D
- Class I, Zone 2, AEx nR II, Ex nR II, T3
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- CUL
- Metal halide or high pressure sodium
- Maximum light utilization
- Integral, pre-wired ballast
- Available in 70, 100, 150, 250, 400 and 1000 watt high pressure sodium
- Available in 175, 250, 400 and 1000 watt metal halide
- Multiple voltages
- Thermal and shock resistant tempered glass lens sealed with one piece precision fitted silicone gasket
- 304 stainless steel standard, 316 available
- Heavy-duty stainless steel trunnion mount
- 40° C Ambient (320-1000W)
- 55° C Ambient (175-250W)

Fixture Type	Dimensions Figure Number	Lamp Wattage	Voltage	Catalog Number	Shipping Weight (Lbs.)
High Pressure Sodium	1	70	Multi-Tap*	**SSFN07-S-04**	29.0
			480V/60 HZ	**SSFN07-S-48**	29.0
		100	Multi-Tap*	**SSFN10-S-04**	30.0
			480V/60 HZ	**SSFN10-S-48**	30.0
		150	Multi-Tap*	**SSFN15-S-04**	33.0
			480V/60 HZ	**SSFN15-S-48**	33.0
	2	250	Multi-Tap*	**SSFN25-S-04**	45.0
			480V/60 HZ	**SSFN25-S-48**	45.0
		400	Multi-Tap*	**SSFN40-S-04**	46.0
			480V/60 HZ	**SSFN40-S-48**	46.0
	3	1000	Multi-Tap*	**SSFN100-S-04-316**	85.0
			480V/60 HZ	**SSFN100-S-48-316**	85.0
Metal Halide	2	175	Multi-Tap*	**SSFN17-H-04**	32.0
			480V/60 HZ	**SSFN17-H-48**	32.0
		250	Multi-Tap*	**SSFN25-H-04**	41.0
			480V/60 HZ	**SSFN25-H-48**	41.0
		320	Multi-Tap*	**SSFN32-H-04**	43.0
			480V/60 HZ	**SSFN32-H-48**	43.0
		350	Multi-Tap*	**SSFN32-H-04**	43.0
			480V/60 HZ	**SSFN32-H-48**	43.0
		400	Multi-Tap*	**SSFN35-H-04**	43.0
			480V/60 HZ	**SSFN35-H-48**	43.0
	3	1000	Multi- Tap*	**SSFN100-H-04-316**	83.0
			480V/60 HZ	**SSFN100-H-48-316**	83.0

*** 120/208/240/277V 60 HZ**

METAL HALIDE • HIGH PRESSURE SODIUM

SSFN Series

Hazardous Locations • Stainless Steel • Class I, Division 2 • UL 1598A, 844 • CUL • AEx nR II, Ex nR II , T3

Fixture Dimensions (inches)

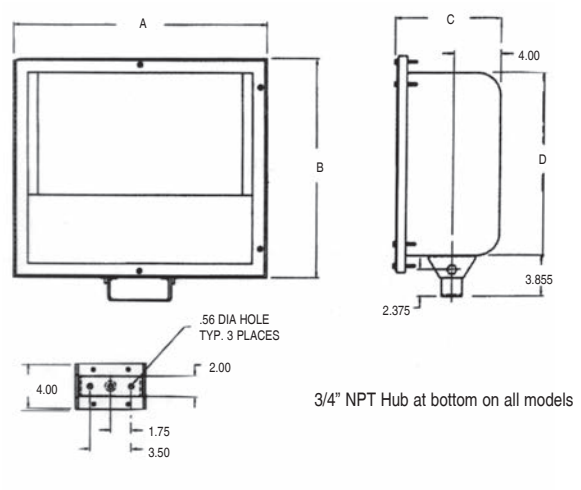


FIGURE 1 & 2

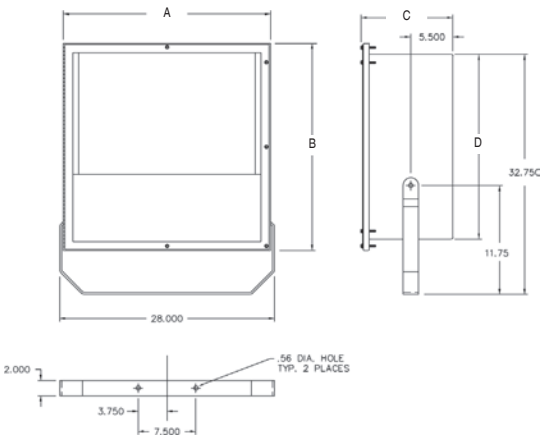


FIGURE 3

Dimensions Figure Number	A	B	C	D	Effective Projected Area (EPA)
1	17.00	17.00	9.00	14.00	2.02 sq. ft.
2	22.00	19.00	9.00	16.00	2.92 sq. ft.
3	27.00	27.00	12.00	24.00	5.20 sq. ft.

Certification Guide

Model	Lamp	Housing Size	Ambient Temperature °C	Class I, Division 2 Groups A, B, C & D	Class I, Zone 2, AEx nR II, Ex nR II	Supply Wire Suitable Temperature °C
SSFN100	MH/ HPS	Fig. 3 (27 X 27)	40	T1	-	125
SSFN40	MH/HPS	Fig. 2 (22 X 19)	40	T1	T3	125
SSFN35	MH	Fig. 2 (22 X 19)	40	T1	T3	125
SSFN32	MH	Fig. 2 (22 X 19)	40	T1	T3	125
SSFN25	MH/HPS	Fig. 2 (22 X 19)	55	T1	T3	125
SSFN17	MH	Fig. 2 (22 X 19)	55	T2	T3	125
SSFN17Q	MH	Fig. 2 (22 X 19)	40	591°C	-	125
SSFN15	HPS	Fig. 2 (22 X 19)	55	T1	T3	125
SSFN15	HPS	Fig. 1 (17 X 17)	40	T2B	T3	125
SSFN15Q	HPS	Fig. 1 (17 X 17)	40	550°C	-	125
SSFN10	HPS	Fig. 1 (17 X 17)	40	T2	T3	125
SSFN10	HPS	Fig. 1 (17 X 17)	40	591°C	-	125

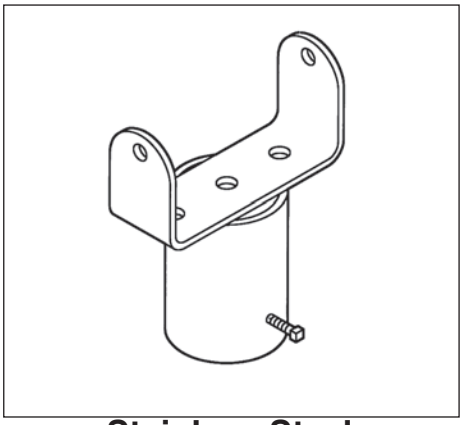
Mounting Restriction:

30° either side of vertical lamp- base down

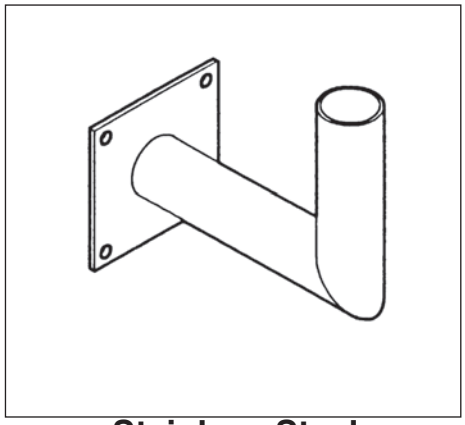
SSFN Series

Hazardous Locations • Stainless Steel • Class I, Division 2 • UL 1598A, 844 • CUL • AEx nR II, Ex nR II , T3

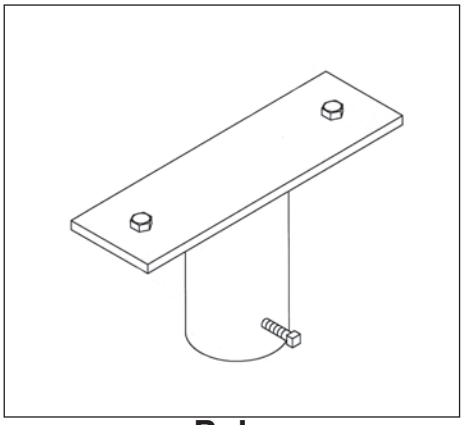
Accessories



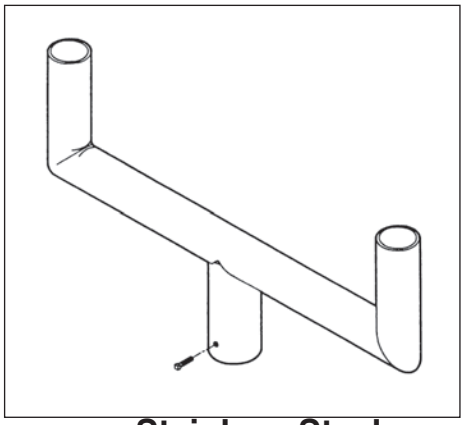
Stainless Steel Pole Mounting Bracket
(175-400 Watt fixtures only) fits over 2 in. pipe
Catalog Number: 53049 (Acid Washed or Polished)
Shipping Weight: 3 lbs.



Stainless Steel Wall Mount Bracket
To be used with catalog number 53049
Catalog Number: 26379SS (Acid Washed or Polished)
Shipping Weight: 7.5 lbs.



Pole Mounting Bracket
(1000 Watt Flood Only)
Slips over 2-3/8 in. O.D. maximum pipe
Catalog Number 26145A (Acid Washed or Polished)
Shipping Weight: 3.5 lbs.



Stainless Steel Dual Pole Mounting Bracket
(175-400 Watt fixtures only)
To be used with (2) pole mounting brackets (Catalog Number 53049) and fits over 2 in. pipe
EPA 0.08 sq. ft.
Catalog Number: 26150 (Acid Washed or Polished)
Shipping Weight: 16 lbs.



Safety Cable
Catalog Number: 10128R
Shipping Weight: 1.0 lb.

EFL SERIES

General Purpose Floodlight Series

- UL 1598 Wet & Damp Locations
- Enclosed & Gasketed
- Die Cast Aluminum

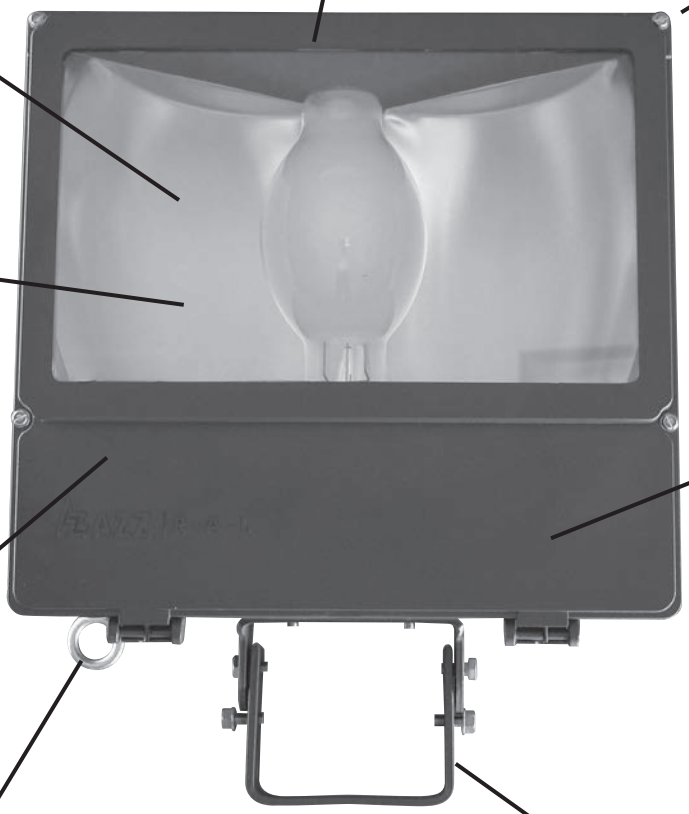


UL LISTED

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EFL SERIES

General Purpose Floodlight



Hinged copper-free cast aluminum lens frame with stainless steel slotted hex head captive screws. Front opening for easy relamping and ballast access.

Precision formed anodized aluminum segmented reflector for optimum photometric and lighting performance.

All exposed hardware is marine grade.

Thermal, shock, heat and impact resistant tempered clear glass lens.

One-piece copper-free cast aluminum lamp and ballast housing with baked on polyester powder coat finish

Weather resistant high temperature silicone lens and lens door gasket assures long service life.

Eye bolt for safety cable as an option

Sturdy mounting yoke.

HIGH PRESSURE SODIUM • METAL HALIDE

EFL Series

UL 1598 Wet & Damp Locations

Catalog Number Logic

EFL 15-S-04-T-76-XX

1 2 3 4 5 6 7

1 BASIC SERIES
EFL Series Floodlight
UL 1598 Wet & Damp Locations

2 LAMP CURRENT/LAMP WATTAGE
07 = 70 Watt
10 = 100 Watt
15 = 150 Watt
17 = 175 Watt
25 = 250 Watt
32 = 320 Watt
35 = 350 Watt
40 = 400 Watt

3 LAMP TYPE (MOGUL BASE)
S = High Pressure Sodium
(70, 100, 150, 200, 250 & 400 Watt)
H = Metal Halide
(70, 100, 150, 175, 250, 320, 350 & 400 Watt)

4 BALLAST VOLTAGE
04 = Multi-Tap
12 = 120V 60 HZ
20 = 208V 60 HZ
22 = 220/240V 50 HZ
24 = 240V 60 HZ
27 = 277V 60 HZ
34 = 347V 60 HZ
48 = 480V 60 HZ

5 MOUNTING
T = Trunnion

6 BEAM SPREAD
76 = 7H X 6V

7 OPTIONS[1]
Q = Auxiliary Quartz Relay
QTD = Auxiliary Quartz Relay Hot and Cold Start
PC = Photo Cell
V = Visor
LS = Lamp Support
PL = Clear Acrylic Shield
SMS = Shock Mounted Socket
EB = Eye Bolt Only
PS = Pulse Start
R = Instant Restrike (HPS only up to 150W)

[1]Consult factory for pricing.
[2] Limited to 175W Maximum HID Lamp
[5] Use universal or appropriate position oriented lamp.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

HIGH PRESSURE SODIUM • METAL HALIDE

EFL Series

UL 1598 Wet & Damp Locations



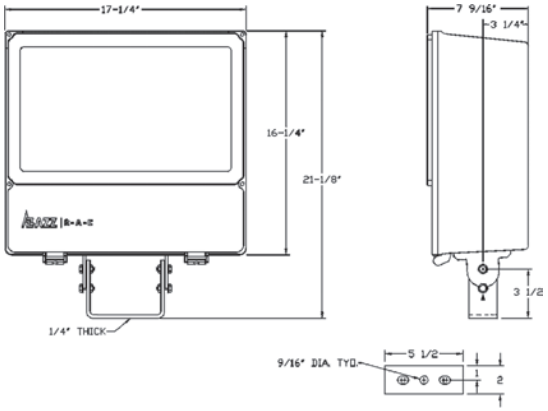
- UL 1598 Wet and Damp Locations
- CUL
- Enclosed and gasketed
- Die-cast aluminum housing and lens frame
- Anodized aluminum segmented reflector
- High temperature silicone gasket
- High impact tempered glass lens
- Captive lens frame screws
- Architectural bronze powder coat finish

(Lamp not included)

Fixture Type	Lamp Watts	Voltage*	Catalog Number	Shipping Weight (Lbs.)
High Pressure Sodium	70	Multi-Tap	**EFL07-S-04-T-76**	26.5
	100	Multi-Tap	**EFL10-S-04-T-76**	28.3
	150	Multi-Tap	**EFL15-S-04-T-76**	29.0
	250	Multi-Tap	**EFL25-S-04-T-76**	32.0
	400	Multi-Tap	**EFL40-S-04-T-76**	36.0
Metal Halide	175	Multi-Tap	**EFL17-H-04-T-76-PS**	28.5
	250	Multi-Tap	**EFL25-H-04-T-76-PS**	31.0
	320	Multi-Tap	**EFL32-H-04-T-76-PS**	31.5
	350	Multi-Tap	**EFL35-H-04-T-76-PS**	31.8
	400	Multi-Tap	**EFL40-H-04-T-76-PS**	32.5

* 120/208/240/277V 60HZ

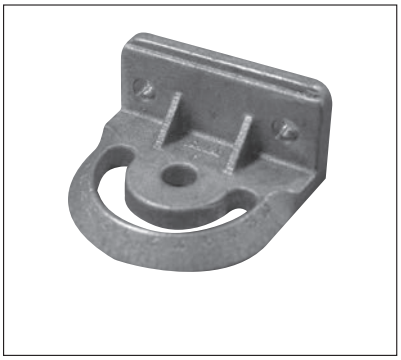
Fixture Dimensions (inches)



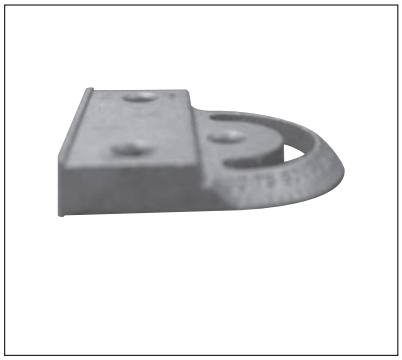
EFFECTIVE PROJECTED AREA 2.0 sq. ft.

175-400 Watt Metal Halide
70-400 High Pressure Sodium

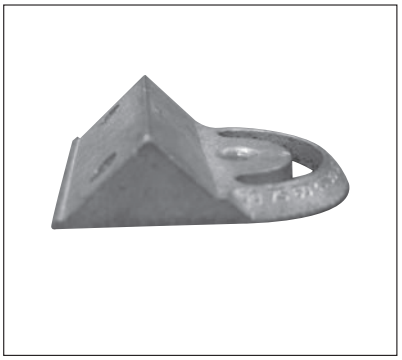
Accessories



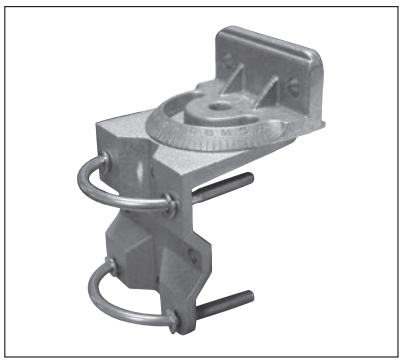
180° YOKE
Horizontal Mounting Kit
180° Adjustment, Includes (2) 1/2 in. Bolts
Catalog Number: FLB-2
Shipping Weight: 1.4 lbs.



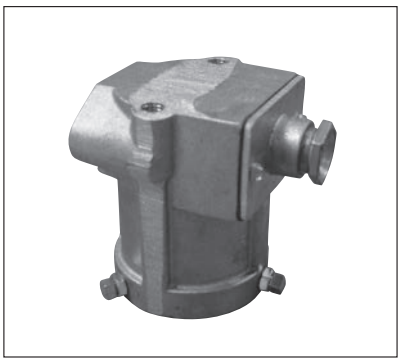
90° YOKE
Horizontal Mounting Kit
90°Adjustment, Includes (2) 1/2 in. Bolts
Catalog Number: FLB-2-90
Shipping Weight: 1.3 lbs.



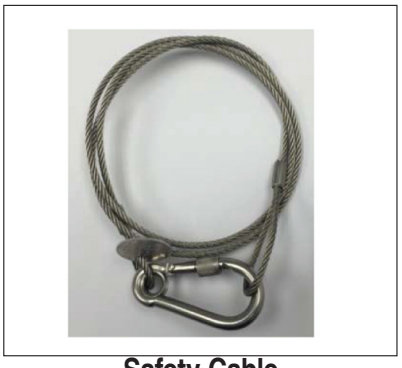
45° YOKE
Horizontal Mounting Kit
45° Adjustment, Includes (2) 1/2 in. Bolts
Catalog Number: FLB-2-45
Shipping Weight: 1.5 lbs.



Wall or Pole Mounting Kit
Wall or Pole Mount, Includes (2) U-Bolts
Catalog Number: FLB-3
Shipping Weight: 3.6 lbs.



Pole Top Mounting Kit
Gasket Wiring Compartment Adapts Horizontal or Vertical Mounting Yokes, Includes (3) Set Screws,
Catalog Number: FLB-5
Shipping Weight: 3.2 lbs.



Safety Cable
Catalog Number: **10128R**
Shipping Weight: 1.0 lbs.

NOTE:
FLB-3 and FLB-5 fit 2 in. to 2-1/2 in. pipe size (2-3/8 in. to 2-7/8 in. O.D.)

NOTES

SAF SERIES

SAF

Hazardous Location Mogul Base HID and Compact Fluorescent

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 1 & 2, Groups E, F & G
- Class III
- Zone 2, Groups IIA, IIB & IIC
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- UL 924 Emergency Lighting
- NEMA 3R, 4X
- IP66
- CSA Certified
- ABS Type Approved
- Restricted Breathing (175W Max.)
- AExnR II, ExnR II & T3
- Enclosed & Gasketed



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SAF SERIES

Hazardous Location Mogul Base HID and Compact Fluorescent



Ballast housing and outlet boxes are high strength, corrosion resistant copper-free cast aluminum alloy.

Large hinge permits fixture to open for “hands free” wiring. Also allows better heat dissipation of internal components.

All external hardware is stainless steel. Stainless steel inserts are available as an option.

Superior heat resistant silicone o-ring gasket makes fixture suitable for installation indoors or outdoors. Other materials available.

All exterior surfaces are covered with corrosion and chemical resistant baked epoxy.

Heat-resistant tempered prismatic glass globe is standard and is suitable for hose down applications.

Corrosion resistant high strength fiberglass reinforced polycarbonate guard provides protection to the globe. Stainless steel wire guard available.

Suitable for installation on marine environments where equipment is subject to salt water spray, either indoor or outdoor.

- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- UL 1598A Marine Outdoor
- CSA Certified
- Enclosed and Gasketed
- Suitable for wet locations
- Suitable for hose down applications
- ABS Type Approved

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Catalog Number Logic

SAF 15- S- 04- G- G- P- XX

(1) (2) (3) (4) (5) (6) (7) (8)

1 BASIC SERIES

SAF Hazardous Location HID & CFL
Class I, Division 2, Groups A, B, C & D
Class II, Division 1 & 2, Groups E, F & G
Class III
Zone 2, Groups IIA, IIB & IIC
Enclosed and Gasketed
Wet Locations
NEMA 3R, 4X; IP66
UL 1598, 1598A & 844
UL 924 Emergency Lighting
CSA Certified
Restricted Breathing (175W Max.)
(Annual Testing Not Required)

BASIC SERIES SAFR

SAFR Hazardous Location HID & CFL
Class I, Division 2, Groups A, B, C & D
Enclosed & Gasketed
Wet Locations
NEMA 3R & 4X
UL 1598, 1598A & 844
CSA Certified
IP66

2 LAMP CURRENT/LAMP WATTAGE

26 = 26 Watt
32 = 32 Watt CFL /320 Watt MH
42 = 42 Watt
52 = 52 Watt
64 = 64 Watt
07 = 70 Watt
84 = 84 Watt
10 = 100 Watt
15 = 150 Watt
17 = 175 Watt
20 = 200 Watt
25 = 250 Watt
35 = 350 Watt
40 = 400 Watt

3 LAMP TYPE[1]

S = High Pressure Sodium
(70, 100, 150, 200, 250, 400 Watt)
H = Metal Halide
(70, 100, 150, 175, 250, 320, 350, 400 Watt)
F = Fluorescent
(26, 32, 42, 52, 64 & 84 Watt)

4 BALLAST VOLTAGE

04 = 120/208/240/277V 60 HZ
12 = 120V 60 HZ
20 = 208V 60 HZ
22 = 220/240V 50 HZ
24 = 240V 60 HZ
27 = 277V 60 HZ
34 = 347V 60 HZ
48 = 480V 60 HZ
U = 120 thru 277 50/60 HZ (Fluorescent Only)

5 GLOBE

PG = PolyGlobe
(42W fluorescent max.)
G = Globe only
R2 = Type II (Asymmetric)
Closed Bottom Glass Refractor
R3 = Type III (Asymmetric)
Closed Bottom Glass Refractor
R5 = Type V (Symmetric)
Closed Bottom Glass Refractor
T1 = Type I (Asymmetric)
Closed Bottom Threaded Glass Refractor
T3 = Type III (Asymmetric)
Closed Bottom Threaded Glass Refractor
T5 = Type V (Symmetric)
Closed Bottom Threaded Glass Refractor

6 GUARD

G = Guard Only

Refer to Certification Guide to determine suitability of individual fixture.
Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

7 MOUNTING STYLE

P = 3/4" Pendant Mount
P1 = 1" Pendant Mount
F = 3/4" Flexible Pendant Mount
F1 = 1" Flexible Pendant Mount
C = 3/4" Ceiling Mount
C1 = 1" Ceiling Mount
W = 3/4" Wall Mount
W1 = 1" Wall Mount
S = 1-1/4" 25° Stanchion Mount
S1 = 1-1/2" 25° Stanchion Mount
L = 1-1/4" 90° Stanchion Mount
L1 = 1-1/2" 90° Stanchion Mount
K = 3/4" Cone Top
K1 = 1" Cone Top

8 OPTIONS[2]

SS = Stainless Steel Inserts (304)
Q = Auxiliary Quartz Relay[3]
QTD = Auxiliary Quartz Relay
Hot & Cold Start
FB1 = Single Fuse Block[4,5]
FB2 = Double Fuse Block[4,5]
TB = Terminal Block
R = Instant Restrike
(HPS only- up to 150W)
PS = Pulse Start
BP = Ballast Protector
EM = Normal AC & Emergency Battery Backup (CFL Only)
EMO = Emergency Battery Backup Only- no AC Ballast (CFL Only) (52W Max.)

1 HID fixtures for Mogul Base lamps only.
2 Consult factory for pricing.
3 Quartz option available only with R2, R3 and R5 refractors and with vertical mount only.
• Option not available with globe and guard or with 25° stanchion mount.
• Reflectors cannot be added. Lamp to be 100W DC bayonet base.
• Available with maximum 150W HPS & 250W MH lamp.
4 Not available with multi-tap ballast unless incoming voltage is specified. When installed, one fuse block is provided for 120, 277V and two fuse blocks are provided for 208, 220, 240, 347 and 480V. Fuse not included.
5 Fuse option not available for marine listed fixtures.

HIGH PRESSURE SODIUM • METAL HALIDE • COMPACT FLUORESCENT

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Certification Guide

MODEL	AMBIENT ° C	CLASS I, DIV 2 GROUPS A,B,C,D			CLASS II & III			SIMULTANEOUS PRESENCE		UL 1598A OUTDOOR	CSA	SUPPLY WIRE SUITABLE TEMP °C
		GLOBE GUARD	GLOBE W/REFL	REFRACTOR	GROUPS	GLOBE GUARD	REFRACTOR	GLOBE GUARD	REFRACTOR			
SAF05S	40	T3	T3	T3B	E,F,G	T4A	T6	T2	T2B	YES	YES	90
SAF05S	55	T3	T3	-	-	-	-	-	-	YES	YES	90
SAF05S	65	T2D	T2D	T2D	-	-	-	-	-	YES	YES	110
SAF07S	40	T3	T3	T3B	E,F,G	T4A	T6	T3	T3C	YES	YES	90
SAF07S	55	T3	T3	-	-	-	-	-	-	YES	YES	90
SAF07S	65	T2D	T2D	T2D	-	-	-	-	-	YES	YES	110
SAF10S	40	T2D	T2D	T3	E,F,G	T3C	T6	T2B	T3	YES	YES	90
SAF10S	55	T2D	T2D	-	-	-	-	-	-	YES	YES	90
SAF10S	65	T2C	T2C	-	-	-	-	-	-	YES	YES	110
SAF15S	40	T2B	T2B	T2C	E,F **	T3	-	T2	T2B	YES	YES	90
SAF15S	40	T2B	T2B	T2C	E,F,G	-	T4A	-	-	YES	YES	90
SAF15S	55	T2B	T2B	-	-	-	-	-	-	YES	YES	90
SAF15S	65	T2A	T2A	-	-	-	-	-	-	YES	YES	110
SAF25S	40	T1 (350)	T1 (350)	T1(350)	E,F,G	T3C	T3C	T1 (350)	T1 (350)	YES	YES	105
SAF25S	55	T1 (350)	T1 (350)	-	-	-	-	-	-	YES	YES	110
SAF25S	65	T1	T1	-	-	-	-	-	-	YES	YES	125
SAF40S	40	T1	T1	T1	E,F,G	-	T3B	-	-	YES	YES	110
SAF10H	40	T2B	T2B	T2C	E,F,G	-	T4	-	-	YES	YES	125
SAF15H	40	T2	T2	T2	E,F,G	-	T4	-	T2	YES	YES	125
SAF15H	55	T2	T2	-	-	-	-	-	-	YES	YES	125
SAF17H	40	T2	T2	T2	E,F,G	-	T4	-	T2	YES	YES	125
SAF17H	55	T2	T2	-	-	-	-	-	-	YES	YES	125
SAF25H	40	T1	T1	T2	E,F,G	-	T4	-	T2	YES	YES	110
SAF40H	40	T1	T1	T1	E,F,G	-	T3B	-	-	YES	YES	110
SAFR05S	40	-	-	T3	E,F,G	-	T4A	-	T3	YES	YES	90
SAFR05S	55	-	-	T3	-	-	-	-	-	YES	YES	90
SAFR07S	40	-	-	T3	E,F,G	-	T4A	-	T3	YES	YES	90
SAFR07S	55	-	-	T3	-	-	-	-	-	YES	YES	90
SAFR10S	40	-	-	T2D	E,F,G	-	T3C	-	T2B	YES	YES	90
SAFR10S	55	-	-	T2D	-	-	-	-	-	YES	YES	90
SAFR15S	40	-	-	T2B	E,F	-	T3	-	T2	YES	YES	90
SAFR15S	55	-	-	T2B	-	-	-	-	-	YES	YES	90
SAFR10H	40	-	-	T2B	-	-	-	-	-	YES	YES	105
SAFR10H	55	-	-	T2	-	-	-	-	-	YES	YES	125
SAFR17H	40	-	-	T2	-	-	-	-	-	YES	YES	105
SAFR17H	55	-	-	T2	-	-	-	-	-	YES	YES	125
SAF26F	40	T3	T3	T3B	E,F,G	T4A	T6	T3	T3C	YES	-	75
SAF32F	40	T2B	T2B	T2B	E,F,G	T4A	T4	-	-	YES	-	75
SAF42F	40	T2A	T2A	T2A	E,F,G	T4A	T4	-	-	YES	-	75
SAF52F	40	T2B	T2B	T2B	E,F,G	T4A	T4	-	-	YES	-	75
SAF64F	40	T2B	T2B	T2B	E,F,G	T4A	T4	-	-	YES	-	75
SAF84F	40	T2A	T2A	T2A	E,F,G	T4A	T4	-	-	YES	-	75

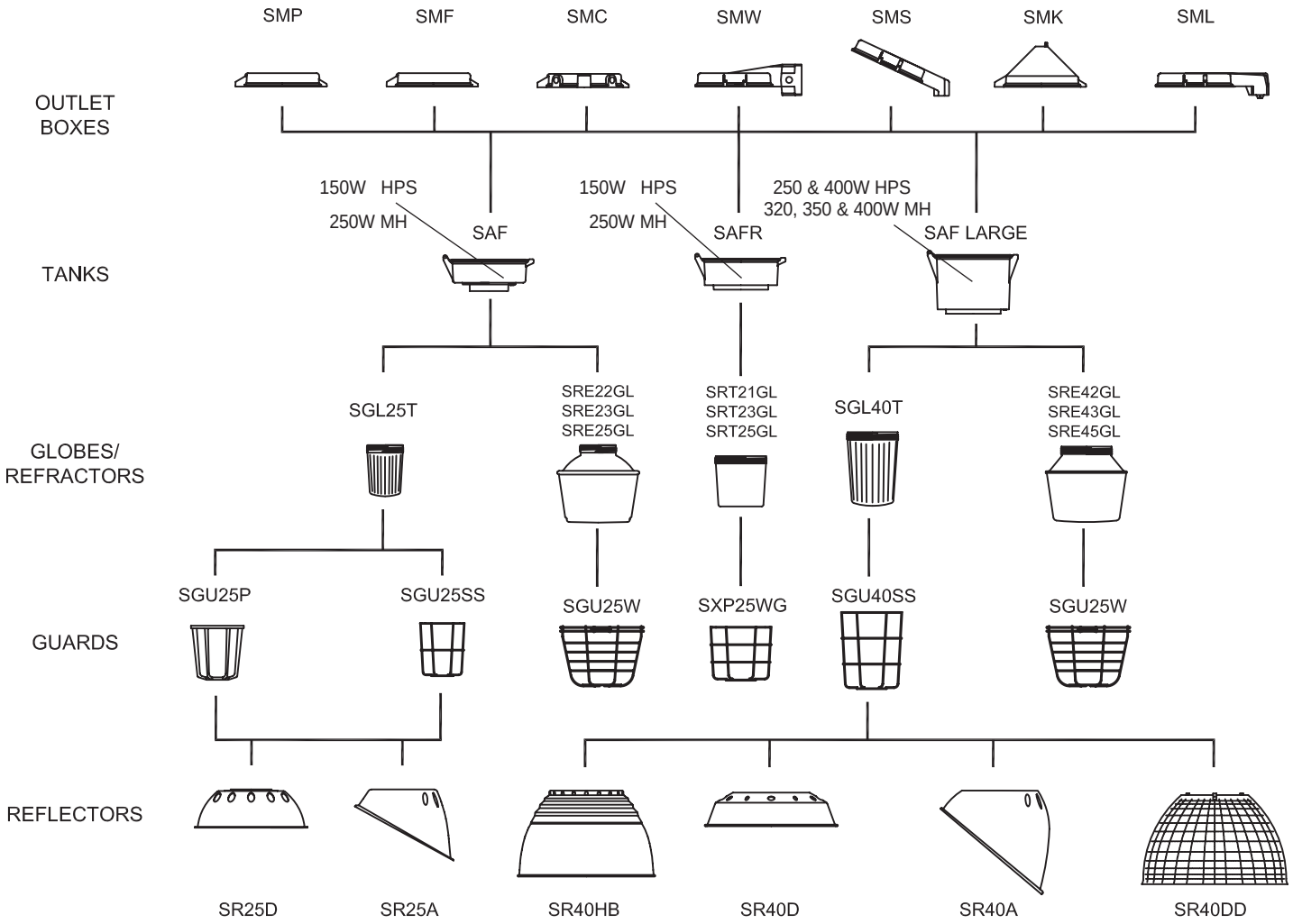
*GROUPS E & F ONLY FOR STANCHION MOUNT. GROUPS E, F, & G FOR ALL OTHER MOUNTS.

NOTE: ALL SAF SERIES FIXTURES WITH GLOBE AND GUARD RATED 175W MAXIMUM AT 40° C ARE ADDITIONALLY LISTED FOR CLASS I ZONE 2 AEx OR EX nR II AND ARE MARKED WITH THE OPERATING TEMPERATURE 160° C OR CODE T3

HIGH PRESSURE SODIUM • METAL HALIDE • COMPACT FLUORESCENT

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA



Refer to Certification Guide to determine suitability of individual fixture.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium with Globe and Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
RIGID PENDANT	70	3/4	**SAF07-S-04-GG-P**	22.9	SAF07S04	SMP	SGL25T	SGU25P
	70	1	**SAF07-S-04-GG-P1**	22.9	SAF07S04	SMP1	SGL25T	SGU25P
	100	3/4	**SAF10-S-04-GG-P**	22.9	SAF10S04	SMP	SGL25T	SGU25P
	100	1	**SAF10-S-04-GG-P1**	22.9	SAF10S04	SMP1	SGL25T	SGU25P
	150③	3/4	**SAF15-S-04-GG-P**	24.2	SAF15S04	SMP	SGL25T	SGU25P
	150③	1	**SAF15-S-04-GG-P1**	24.2	SAF15S04	SMP1	SGL25T	SGU25P
	250	3/4	**SAF25-S-04-GG-P**	39.5	SAF25S04	SMP	SGL40T	SGU40SS
	250	1	**SAF25-S-04-GG-P1**	39.5	SAF25S04	SMP1	SGL40T	SGU40SS
	400	3/4	**SAF40-S-04-GG-P**	39.5	SAF40S04	SMP	SGL40T	SGU40SS
	400	1	**SAF40-S-04-GG-P1**	39.5	SAF40S04	SMP1	SGL40T	SGU40SS
FLEXIBLE PENDANT	70	3/4	**SAF07-S-04-GG-F**	22.9	SAF07S04	SMF	SGL25T	SGU25P
	70	1	**SAF07-S-04-GG-F1**	22.9	SAF07S04	SMF1	SGL25T	SGU25P
	100	3/4	**SAF10-S-04-GG-F**	22.9	SAF10S04	SMF	SGL25T	SGU25P
	100	1	**SAF10-S-04-GG-F1**	22.9	SAF10S04	SMF1	SGL25T	SGU25P
	150③	3/4	**SAF15-S-04-GG-F1**	24.2	SAF15S04	SMF	SGL25T	SGU25P
	150③	1	**SAF15-S-04-GG-F1**	24.2	SAF15S04	SMF1	SGL25T	SGU25P
CEILING MOUNT	70	3/4	**SAF07-S-04-GG-C**	23.7	SAF07S04	SMC	SGL25T	SGU25P
	70	1	**SAF07-S-04-GG-C1**	23.7	SAF07S04	SMC1	SGL25T	SGU25P
	100	3/4	**SAF10-S-04-GG-C1**	23.7	SAF10S04	SMC	SGL25T	SGU25P
	100	1	**SAF10-S-04-GG-C1**	23.7	SAF10S04	SMC1	SGL25T	SGU25P
	150③	3/4	**SAF15-S-04-GG-C**	33.5	SAF15S04	SMC	SGL25T	SGU25P
	150③	1	**SAF15-S-04-GG-C1**	33.5	SAF15S04	SMC1	SGL25T	SGU25P
	250	3/4	**SAF25-S-04-GG-C**	43.7	SAF25S04	SMC	SGL40T	SGU40SS
	250	1	**SAF25-S-04-GG-C1**	43.7	SAF25S04	SMC1	SGL40T	SGU40SS
	400	3/4	**SAF40-S-04-GG-C**	50.7	SAF40S04	SMC	SGL40T	SGU40SS
	400	1	**SAF40-S-04-GG-C1**	50.7	SAF40S04	SMC1	SGL40T	SGU40SS

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Fixtures are for use with 55V (ANSI S55) lamps only. If a fixture or housing is required for use with 100V (ANSI S56) lamp, consult factory.

Refer to Certification Guide to determine suitability of individual fixture.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium with Globe and Guard 70-400 Watts (continued)

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
WALL MOUNT	70	1-1/4	**SAF07-S-04-GG-W**	31.4	SAF07S04	SMW	SGL25T	SGU25P
	70	1-1/2	**SAF07-S-04-GG-W1**	31.4	SAF07S04	SMW1	SGL25T	SGU25P
	100	1-1/4	**SAF10-S-04-GG-W**	31.4	SAF10S04	SMW	SGL25T	SGU25P
	100	1-1/2	**SAF10-S-04-GG-W1**	31.4	SAF10S04	SMW1	SGL25T	SGU25P
	150③	1-1/4	**SAF15-S-04-GG-W**	32.7	SAF15S04	SMW	SGL25T	SGU25P
	150③	1-1/2	**SAF15-S-04-GG-W1**	32.7	SAF15S04	SMW1	SGL25T	SGU25P
	250	1-1/4	**SAF25-S-04-GG-W**	43.0	SAF25S04	SMW	SGL40T	SGU40SS
	250	1-1/2	**SAF25-S-04-GG-W1**	43.0	SAF25S04	SMW1	SGL40T	SGU40SS
	400	1-1/4	**SAF40-S-04-GG-W**	50.0	SAF40S04	SMW	SGL40T	SGU40SS
	400	1-1/2	**SAF40-S-04-GG-W1**	50.0	SAF40S04	SMW1	SGL40T	SGU40SS
25° STANCHION MOUNT	70	1-1/4	**SAF07-S-04-GG-S**	31.4	SAF07S04	SMS	SGL25T	SGU25P
	70	1-1/2	**SAF07-S-04-GG-S1**	31.4	SAF07S04	SMS1	SGL25T	SGU25P
	100	1-1/4	**SAF10-S-04-GG-S**	31.4	SAF10S04	SMS	SGL25T	SGU25P
	100	1-1/2	**SAF10-S-04-GG-S1**	31.4	SAF10S04	SMS1	SGL25T	SGU25P
	150③	1-1/4	**SAF15-S-04-GG-S**	32.7	SAF15S04	SMS	SGL25T	SGU25P
	150③	1-1/2	**SAF15-S-04-GG-S1**	32.7	SAF15S04	SMS1	SGL25T	SGU25P
	250	1-1/4	**SAF25-S-04-GG-S**	43.7	SAF25S04	SMS	SGL40T	SGU40SS
	250	1-1/2	**SAF25-S-04-GG-S1**	43.7	SAF25S04	SMS1	SGL40T	SGU40SS
	400	1-1/4	**SAF40-S-04-GG-S**	50.7	SAF40S04	SMS	SGL40T	SGU40SS
	400	1-1/2	**SAF40-S-04-GG-S1**	50.7	SAF40S04	SMS1	SGL40T	SGU40SS
90° STANCHION MOUNT	70	1-1/4	**SAF07-S-04-GG-L**	32.2	SAF07S04	SML	SGL25T	SGU25P
	70	1-1/2	**SAF07-S-04-GG-L1**	32.2	SAF07S04	SML1	SGL25T	SGU25P
	100	1-1/4	**SAF10-S-04-GG-L**	32.2	SAF10S04	SML	SGL25T	SGU25P
	100	1-1/2	**SAF10-S-04-GG-L1**	32.2	SAF10S04	SML1	SGL25T	SGU25P
	150③	1-1/4	**SAF15-S-04-GG-L**	33.5	SAF15S04	SML	SGL25T	SGU25P
	150③	1-1/2	**SAF15-S-04-GG-L1**	33.5	SAF15S04	SML1	SGL25T	SGU25P
	250	1-1/4	**SAF25-S-04-GG-L**	43.7	SAF25S04	SML	SGL40T	SGU40SS
	250	1-1/2	**SAF25-S-04-GG-L1**	43.7	SAF25S04	SML1	SGL40T	SGU40SS
	400	1-1/4	**SAF40-S-04-GG-L**	50.7	SAF40S04	SML	SGL40T	SGU40SS
	400	1-1/2	**SAF40-S-04-GG-L**	50.7	SAF40S04	SML1	SGL40T	SGU40SS

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium with Threaded Refractor and Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
RIGID PENDANT	70	3/4	**SAFR07-S-04-T5G-P**	25.5	SAFR07S04	SMP	SRT25GL	SXP25WG
	70	1	**SAFR07-S-04-T5G-P1**	25.5	SAFR07S04	SMP1	SRT25GL	SXP25WG
	100	3/4	**SAFR10-S-04-T5G-P**	28.0	SAFR10S04	SMP	SRT25GL	SXP25WG
	100	1	**SAFR10-S-04-T5G-P1**	28.0	SAFR10S04	SMP1	SRT25GL	SXP25WG
	150③	3/4	**SAFR15-S-04-T5G-P**	29.6	SAFR15S04	SMP	SRT25GL	SXP25WG
	150③	1	**SAFR15-S-04-T5G-P1**	29.6	SAFR15S04	SMP1	SRT25GL	SXP25WG
	250	3/4	**SAFR25-S-04-T5G-P**	43.9	SAFR25S04	SMP	SRT25GL	SXP25WG
	250	1	**SAFR25-S-04-T5G-P1**	43.9	SAFR25S04	SMP1	SRT25GL	SXP25WG
FLEXIBLE PENDANT	70	3/4	**SAFR07-S-04-T5G-F**	25.5	SAFR07S04	SMF	SRT25GL	SXP25WG
	70	1	**SAFR07-S-04-T5G-F1**	25.5	SAFR07S04	SMF1	SRT25GL	SXP25WG
	100	3/4	**SAFR10-S-04-T5G-F**	28.0	SAFR10S04	SMF	SRT25GL	SXP25WG
	100	1	**SAFR10-S-04-T5G-F1**	28.0	SAFR10S04	SMF1	SRT25GL	SXP25WG
	150③	3/4	**SAFR15-S-04-T5G-F1**	29.6	SAFR15S04	SMF	SRT25GL	SXP25WG
	150③	1	**SAFR15-S-04-T5G-F1**	29.6	SAFR15S04	SMF1	SRT25GL	SXP25WG
CEILING MOUNT	70	3/4	**SAFR07-S-04-T5G-C**	27.7	SAFR07S04	SMC	SRT25GL	SXP25WG
	70	1	**SAFR07-S-04-T5G-C1**	27.7	SAFR07S04	SMC1	SRT25GL	SXP25WG
	100	3/4	**SAFR10-S-04-T5G-C1**	29.3	SAFR10S04	SMC	SRT25GL	SXP25WG
	100	1	**SAFR10-S-04-T5G-C1**	29.3	SAFR10S04	SMC1	SRT25GL	SXP25WG
	150③	3/4	**SAFR15-S-04-T5G-C**	30.9	SAFR15S04	SMC	SRT25GL	SXP25WG
	150③	1	**SAFR15-S-04-T5G-C1**	30.9	SAFR15S04	SMC1	SRT25GL	SXP25WG
	250	3/4	**SAFR25-S-04-T5G-C**	45.2	SAFR25S04	SMC	SRT25GL	SXP25WG
	250	1	**SAFR25-S-04-T5G-C1**	45.2	SAFR25S04	SMC1	SRT25GL	SXP25WG

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Fixtures are for use with 55V (ANSI S55) lamps only. If a fixture or housing is required for use with 100V (ANSI S56) lamp, consult factory.

Refer to Certification Guide to determine suitability of individual fixture.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium with Threaded Refractor and Guard 70-400 Watts (continued)

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
WALL MOUNT	70	1-1/4	**SAFR07-S-04-T5G-W**	33.8	SAFR07S04	SMW	SRT25GL	SXP25WG
	70	1-1/2	**SAFR07-S-04-T5G-W1**	33.8	SAFR07S04	SMW1	SRT25GL	SXP25WG
	100	1-1/4	**SAFR10-S-04-T5G-W**	35.4	SAFR10S04	SMW	SRT25GL	SXP25WG
	100	1-1/2	**SAFR10-S-04-T5G-W1**	35.4	SAFR10S04	SMW1	SRT25GL	SXP25WG
	150③	1-1/4	**SAFR15-S-04-T5G-W**	37.0	SAFR15S04	SMW	SRT25GL	SXP25WG
	150③	1-1/2	**SAFR15-S-04-T5G-W1**	37.0	SAFR15S04	SMW1	SRT25GL	SXP25WG
	250	1-1/4	**SAFR25-S-04-T5G-W**	52.3	SAFR25S04	SMW	SRT25GL	SXP25WG
	250	1-1/2	**SAFR25-S-04-T5G-W1**	52.3	SAFR25S04	SMW1	SRT25GL	SXP25WG
25° STANCHION MOUNT	70	1-1/4	**SAFR07-S-04-T5G-S**	31.6	SAFR07S04	SMS	SRT25GL	SXP25WG
	70	1-1/2	**SAFR07-S-04-T5G-S1**	31.6	SAFR07S04	SMS1	SRT25GL	SXP25WG
	100	1-1/4	**SAFR10-S-04-T5G-S**	33.2	SAFR10S04	SMS	SRT25GL	SXP25WG
	100	1-1/2	**SAFR10-S-04-T5G-S1**	33.2	SAFR10S04	SMS1	SRT25GL	SXP25WG
	150③	1-1/4	**SAFR15-S-04-T5G-S**	34.9	SAFR15S04	SMS	SRT25GL	SXP25WG
	150③	1-1/2	**SAFR15-S-04-T5G-S1**	34.9	SAFR15S04	SMS1	SRT25GL	SXP25WG
	250	1-1/4	**SAFR25-S-04-T5G-S**	50.2	SAFR25S04	SMS	SRT25GL	SXP25WG
	250	1-1/2	**SAFR25-S-04-T5G-S1**	50.2	SAFR25S04	SMS1	SRT25GL	SXP25WG
90° STANCHION MOUNT	70	1-1/4	**SAFR07-S-04-T5G-L**	31.6	SAFR07S04	SML	SRT25GL	SXP25WG
	70	1-1/2	**SAFR07-S-04-T5G-L1**	31.6	SAFR07S04	SML1	SRT25GL	SXP25WG
	100	1-1/4	**SAFR10-S-04-T5G-L**	33.2	SAFR10S04	SML	SRT25GL	SXP25WG
	100	1-1/2	**SAFR10-S-04-T5G-L1**	33.2	SAFR10S04	SML1	SRT25GL	SXP25WG
	150③	1-1/4	**SAFR15-S-04-T5G-L**	34.9	SAFR15S04	SML	SRT25GL	SXP25WG
	150③	1-1/2	**SAFR15-S-04-T5G-L1**	34.9	SAFR15S04	SML1	SRT25GL	SXP25WG
	250	1-1/4	**SAFR25-S-04-T5G-L**	50.2	SAFR25S04	SML	SRT25GL	SXP25WG
	250	1-1/2	**SAFR25-S-04-T5G-L1**	50.2	SAFR25S04	SML1	SRT25GL	SXP25WG

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium with Refractor and Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor③	Guard
RIGID PENDANT	70	3/4	**SAF07-S-04-R5-G-P**	31.4	SAF07S04	SMP	SRE25GL	SGU25W
	70	1	**SAF07-S-04-R5-G-P1**	31.4	SAF07S04	SMP1	SRE25GL	SGU25W
	100	3/4	**SAF10-S-04-R5-G-P**	31.4	SAF10S04	SMP	SRE25GL	SGU25W
	100	1	**SAF10-S-04-R5-G-P1**	31.4	SAF10S04	SMP1	SRE25GL	SGU25W
	150④	3/4	**SAF15-S-04-R5-G-P**	32.7	SAF15S04	SMP	SRE25GL	SGU25W
	150④	1	**SAF15-S-04-R5-G-P1**	32.7	SAF15S04	SMP1	SRE25GL	SGU25W
	250	3/4	**SAF25-S-04-R5-G-P**	43.0	SAF25S04	SMP	SRE45GL	SGU25W
	250	1	**SAF25-S-04-R5-G-P1**	43.0	SAF25S04	SMP1	SRE45GL	SGU25W
	400	3/4	**SAF40-S-04-R5-G-P**	50.0	SAF40S04	SMP	SRE45GL	SGU25W
	400	1	**SAF40-S-04-R5-G-P1**	50.0	SAF40S04	SMP1	SRE45GL	SGU25W
FLEXIBLE PENDANT	70	3/4	**SAF07-S-04-R5-G-F**	31.4	SAF07S04	SMF	SRE25GL	SGU25W
	70	1	**SAF07-S-04-R5-G-F1**	31.4	SAF07S04	SMF1	SRE25GL	SGU25W
	100	3/4	**SAF10-S-04-R5-G-F**	31.4	SAF10S04	SMF	SRE25GL	SGU25W
	100	1	**SAF10-S-04-R5-G-F1**	31.4	SAF10S04	SMF1	SRE25GL	SGU25W
	150④	3/4	**SAF15-S-04-R5-G-F**	32.7	SAF15S04	SMF	SRE25GL	SGU25W
	150④	1	**SAF15-S-04-R5-G-F1**	32.7	SAF15S04	SMF1	SRE25GL	SGU25W
CEILING MOUNT	70	3/4	**SAF07-S-04-R5-G-C**	32.2	SAF07S04	SMC	SRE25GL	SGU25W
	70	1	**SAF07-S-04-R5-G-C1**	32.2	SAF07S04	SMC1	SRE25GL	SGU25W
	100	3/4	**SAF10-S-04-R5-G-C**	32.2	SAF10S04	SMC	SRE25GL	SGU25W
	100	1	**SAF10-S-04-R5-G-C1**	32.2	SAF10S04	SMC1	SRE25GL	SGU25W
	150④	3/4	**SAF15-S-04-R5-G-C**	33.5	SAF15S04	SMC	SRE25GL	SGU25W
	150④	1	**SAF15-S-04-R5-G-C1**	33.5	SAF15S04	SMC1	SRE25GL	SGU25W
	250	3/4	**SAF25-S-04-R5-G-C**	43.7	SAF25S04	SMC	SRE45GL	SGU25W
	250	1	**SAF25-S-04-R5-G-C1**	43.7	SAF25S04	SMC1	SRE45GL	SGU25W
	400	3/4	**SAF40-S-04-R5-G-C**	50.7	SAF40S04	SMC	SRE45GL	SGU25W
	400	1	**SAF40-S-04-R5-G-C1**	50.7	SAF40S04	SMC1	SRE45GL	SGU25W







To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Catalog Nos. shown are for fixtures with IES Type V closed bottom glass refractors, for other type refractors, refer to Catalog Number Logic page.

④ Fixtures are for use with 55V (ANSI S55) lamps only. If a fixture or housing is required for use with 100V (ANSI S56) lamp, consult factory.

Refer to Certification Guide to determine suitability of individual fixture. Fixtures with Refractors are not suitable to ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium with Refractor and Guard 70-400 Watts (continued)

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor③	Guard
WALL MOUNT	70	1-14	**SAF07-S-04-R5-G-W**	35.9	SAF07S04	SMW	SRE25GL	SGU25W
	70	1-1/2	**SAF07-S-04-R5-G-W1**	35.9	SAF07S04	SMW1	SRE25GL	SGU25W
	100	1-1/4	**SAF10-S-04-R5-G-W**	35.9	SAF10S04	SMW	SRE25GL	SGU25W
	100	11/2	**SAF10-S-04-R5-G-W1**	35.9	SAF10S04	SMW1	SRE25GL	SGU25W
	150④	1-1/4	**SAF15-S-04-R5-G-W**	37.2	SAF15S04	SMW	SRE25GL	SGU25W
	150④	1-1/2	**SAF15-S-04-R5-G-W1**	37.2	SAF15S04	SMW1	SRE25GL	SGU25W
	250	1-1/4	**SAF25-S-04-R5-G-W**	47.5	SAF25S04	SMW	SRE45GL	SGU25W
	250	1-1/2	**SAF25-S-04-R5-G-W1**	47.5	SAF25S04	SMW1	SRE45GL	SGU25W
	400	1-1/4	**SAF40-S-04-R5-G-W**	47.5	SAF40S04	SMW	SRE45GL	SGU25W
	400	1-1/2	**SAF40-S-04-R5-G-W1**	47.5	SAF40S04	SMW1	SRE45GL	SGU25W
25° STANCHION MOUNT	70	1-1/4	**SAF07-S-04-R5-G-S**	34.0	SAF07S04	SMS	SRE25GL	SGU25W
	70	1-1/2	**SAF07-S-04-R5-G-S1**	34.0	SAF07S04	SMS1	SRE25GL	SGU25W
	100	1-1/4	**SAF10-S-04-R5-G-S**	34.0	SAF10S04	SMS	SRE25GL	SGU25W
	100	1-1/2	**SAF10-S-04-R5-G-S1**	34.0	SAF10S04	SMS1	SRE25GL	SGU25W
	150④	1-1/4	**SAF15-S-04-R5-G-S**	35.3	SAF15S04	SMS	SRE25GL	SGU25W
	150④	1-1/2	**SAF15-S-04-R5-G-S1**	35.3	SAF15S04	SMS1	SRE25GL	SGU25W
	250	1-1/4	**SAF25-S-04-R5-G-S**	47.1	SAF25S04	SMS	SRE45GL	SGU25W
	250	1-1/2	**SAF25-S-04-R5-G-S1**	47.1	SAF25S04	SMS1	SRE45GL	SGU25W
	400	1-1/4	**SAF40-S-04-R5-G-S**	47.1	SAF40S04	SMS	SRE45GL	SGU25W
	400	1-1/2	**SAF40-S-04-R5-G-S1**	47.1	SAF40S04	SMS1	SRE45GL	SGU25W
90° STANCHION MOUNT	70	1-1/4	**SAF07-S-04-R5-G-L**	34.0	SAF07S04	SML	SRE25GL	SGU25W
	70	1-1/2	**SAF07-S-04-R5-G-L1**	34.0	SAF07S04	SML1	SRE25GL	SGU25W
	100	1-1/4	**SAF10-S-04-R5-G-L**	34.0	SAF10S04	SML	SRE25GL	SGU25W
	100	1-1/2	**SAF10-S-04-R5-G-L1**	34.0	SAF10S04	SML1	SRE25GL	SGU25W
	150④	1-1/4	**SAF15-S-04-R5-G-L**	35.3	SAF15S04	SML	SRE25GL	SGU25W
	150④	1-1/2	**SAF15-S-04-R5-G-L1**	35.3	SAF15S04	SML1	SRE25GL	SGU25W
	250	1-1/4	**SAF25-S-04-R5-G-L**	47.1	SAF25S04	SML	SRE45GL	SGU25W
	250	1-1/2	**SAF25-S-04-R5-G-L1**	47.1	SAF25S04	SML1	SRE45GL	SGU25W
	400	1-1/4	**SAF40-S-04-R5-G-L**	47.1	SAF40S04	SML	SRE45GL	SGU25W
	400	1-1/2	**SAF40-S-04-R5-G-L1**	47.1	SAF40S04	SML1	SRE45GL	SGU25W

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Metal Halide with Globe and Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
RIGID PENDANT	70	3/4	**SAF07-H-04-GG-P**	27.3	SAF07H04	SMP	SGL25T	SGU25P
	70	1	**SAF07-H-04-GG-P1**	27.3	SAF07H04	SMP1	SGL25T	SGU25P
	175	3/4	**SAF17-H-04-GG-P-PS**	30.2	SAF17H04PS	SMP	SGL25T	SGU25P
	175	1	**SAF17-H-04-GG-P1-PS**	30.2	SAF17H04PS	SMP1	SGL25T	SGU25P
	250	3/4	**SAF25-H-04-GG-P-PS**	32.4	SAF25H04PS	SMP	SGL25T	SGU25P
	250	1	**SAF25-H-04-GG-P1-PS**	32.4	SAF25H04PS	SMP1	SGL25T	SGU25P
	400	3/4	**SAF40-H-04-GG-P-PS**	44.3	SAF40H04PS	SMP	SGL40T	SGU40SS
	400	1	**SAF40-H-04-GG-P1-PS**	44.3	SAF40H04PS	SMP1	SGL40T	SGU40SS
FLEXIBLE PENDANT	70	3/4	**SAF07-H-04-GG-F**	26.8	SAF07H04	SMF	SGL25T	SGU25P
	70	1	**SAF07-H-04-GG-F1**	26.8	SAF07H04	SMF1	SGL25T	SGU25P
	175	3/4	**SAF17-H-04-GG-F-PS**	30.2	SAF17H04PS	SMF	SGL25T	SGU25P
	175	1	**SAF17-H-04-GG-F1-PS**	30.2	SAF17H04PS	SMF1	SGL25T	SGU25P
	250	3/4	**SAF25-H-04-GG-F-PS**	32.4	SAF25H04PS	SMF	SGL25T	SGU25P
	250	1	**SAF25-H-04-GG-F1-PS**	32.4	SAF25H04PS	SMF1	SGL25T	SGU25P
	400	3/4	**SAF40-H-04-GG-F-PS**	42.7	SAF40H04PS	SMF	SGL40T	SGU40SS
	400	1	**SAF40-H-04-GG-F1-PS**	42.7	SAF40H04PS	SMF1	SGL40T	SGU40SS
CEILING MOUNT	70	3/4	**SAF07-H-04-GG-C**	28.1	SAF07H04	SMC	SGL25T	SGU25P
	70	1	**SAF07-H-04-GG-C1**	28.1	SAF07H04	SMC1	SGL25T	SGU25P
	176	3/4	**SAF17-H-04-GG-C-PS**	30.5	SAF17H04PS	SMC	SGL25T	SGU25P
	175	1	**SAF17-H-04-GG-C1-PS**	30.5	SAF17H04PS	SMC1	SGL25T	SGU25P
	250	3/4	**SAF25-H-04-GG-C-PS**	33.0	SAF25H04PS	SMC	SGL25T	SGU25P
	250	1	**SAF25-H-04-GG-C1-PS**	33.0	SAF25H04PS	SMC1	SGL25T	SGU25P
	400	3/4	**SAF40-H-04-GG-C-PS**	45.3	SAF40H04PS	SMC	SGL40T	SGU40SS
	400	1	**SAF40-H-04-GG-C1-PS**	45.3	SAF40H04PS	SMC1	SGL40T	SGU40SS

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Fixtures are for use with 55V (ANSI S55) lamps only. If a fixture or housing is required for use with 100V (ANSI S56) lamp, consult factory.

Refer to Certification Guide to determine suitability of individual fixture.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Metal Halide with Globe and Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
WALL MOUNT	70	3/4	**SAF07-H-04-GG-W-PS**	29.7	SAF07H04PS	SMW	SGL25T	SGU25P
	70	1	**SAF07-H-04-GG-W1-PS**	29.7	SAF07H04PS	SMW1	SGL25T	SGU25P
	175	3/4	**SAF17-H-04-GG-W-PS**	34.1	SAF17H04PS	SMW	SGL25T	SGU25P
	175	1	**SAF17-H-04-GG-W1-PS**	34.1	SAF17H04PS	SMW1	SGL25T	SGU25P
	250	3/4	**SAF25-H-04-GG-W-PS**	36.7	SAF25H04PS	SMW	SGL25T	SGU25P
	250	1	**SAF25-H-04-GG-W1-PS**	36.7	SAF25H04PS	SMW1	SGL25T	SGU25P
	400	3/4	**SAF40-H-04-GG-W-PS**	51.1	SAF40H04PS	SMW	SGL40T	SGU40SS
	400	1	**SAF40-H-04-GG-W1-PS**	51.1	SAF40H04PS	SMW1	SGL40T	SGU40SS
25° STANCHION MOUNT	70	3/4	**SAF07-H-04-GG-S-PS**	28.5	SAF07H04PS	SMS	SGL25T	SGU25P
	70	1	**SAF07-H-04-GG-S1-PS**	28.5	SAF07H04PS	SMS1	SGL25T	SGU25P
	175	3/4	**SAF17-H-04-GG-S-PS**	32.7	SAF17H04PS	SMS	SGL25T	SGU25P
	175	1	**SAF17-H-04-GG-S1-PS**	32.7	SAF17H04PS	SMS1	SGL25T	SGU25P
	250	3/4	**SAF25-H-04-GG-S-PS**	34.8	SAF25H04PS	SMS	SGL25T	SGU25P
	250	1	**SAF255-H-04-GG-S1-PS**	34.8	SAF25H04PS	SMS1	SGL25T	SGU25P
	400	3/4	**SAF40-H-04-GG-S-PS**	47.1	SAF40H04PS	SMS	SGL40T	SGU40SS
	400	1	**SAF40-H-04-GG-S1-PS**	47.1	SAF40H04PS	SMS1	SGL40T	SGU40SS
90° STANCHION MOUNT	70	3/4	**SAF07-H-04-GG-L-PS**	28.5	SAF07H04PS	SML	SGL25T	SGU25P
	70	1	**SAF07-H-04-GG-L1-PS**	28.5	SAF07H04PS	SML1	SGL25T	SGU25P
	175	3/4	**SAF17-H-04-GG-L-PS**	32.7	SAF17H04PS	SML	SGL25T	SGU25P
	175	1	**SAF17-H-04-GG-L1-PS**	32.7	SAF17H04PS	SML1	SGL25T	SGU25P
	250	3/4	**SAF25-H-04-GG-L-PS**	34.8	SAF25H04PS	SML	SGL25T	SGU25P
	250	1	**SAF25-H-04-GG-L1-PS**	34.8	SAF25H04PS	SML1	SGL25T	SGU25P
	400	3/4	**SAF40-H-04-GG-L-PS**	47.1	SAF40H04PS	SML	SGL40T	SGU40SS
	400	1	**SAF40-H-04-GG-L1-PS**	47.1	SAF40H04PS	SML1	SGL40T	SGU40SS

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Fixtures are for use with 55V (ANSI S55) lamps only. If a fixture or housing is required for use with 100V (ANSI S56) lamp, consult factory.

Refer to Certification Guide to determine suitability of individual fixture.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Metal Halide with Threaded Refractor and Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
RIGID PENDANT	70	3/4	**SAFR07-H-04-T5G-P**	26.3	SAFR07H04	SMP	SRT25GL	SXP25WG
	70	1	**SAFR07-H-04-T5G-P1**	26.3	SAFR07H04	SMP1	SRT25GL	SXP25WG
	175	3/4	**SAFR17-H-04-T5G-P-PS**	28.1	SAFR17H04PS	SMP	SRT25GL	SXP25WG
	175	1	**SAFR17-H-04-T5G-P1-PS**	28.1	SAFR17H04PS	SMP1	SRT25GL	SXP25WG
	250	3/4	**SAFR25-H-04-T5G-P-PS**	30.4	SAFR25H04PS	SMP	SRT25GL	SXP25WG
	250	1	**SAFR25-H-04-T5G-P1-PS**	30.4	SAFR25H04PS	SMP1	SRT25GL	SXP25WG
FLEXIBLE PENDANT	70	3/4	**SAFR07-H-04-T5G-F**	26.3	SAFR07H04	SMF	SRT25GL	SXP25WG
	70	1	**SAFR07-H-04-T5G-F1**	26.3	SAFR07H04	SMF1	SRT25GL	SXP25WG
	175	3/4	**SAFR17-H-04-T5G-F-PS**	28.1	SAFR17H04PS	SMF	SRT25GL	SXP25WG
	175	1	**SAFR17-H-04-T5G-F1-PS**	28.1	SAFR17H04PS	SMF1	SRT25GL	SXP25WG
	250	3/4	**SAFR25-H-04-T5G-F-PS**	30.4	SAFR25H04PS	SMF	SRT25GL	SXP25WG
	250	1	**SAFR25-H-04-T5G-F1-PS**	30.4	SAFR25H04PS	SMF1	SRT25GL	SXP25WG
CEILING MOUNT	70	3/4	**SAFR07-H-04-T5G-C**	27.4	SAFR07H04	SMC	SRT25GL	SXP25WG
	70	1	**SAFR07-H-04-T5G-C1**	27.4	SAFR07H04	SMC1	SRT25GL	SXP25WG
	175	3/4	**SAFR17-H-04-T5G-C-PS**	29.3	SAFR17H04PS	SMC	SRT25GL	SXP25WG
	175	1	**SAFR17-H-04-T5G-C1-PS**	29.3	SAFR17H04PS	SMC1	SRT25GL	SXP25WG
	250	3/4	**SAFR25-H-04-T5G-C-PS**	31.0	SAFR25H04PS	SMC	SRT25GL	SXP25WG
	250	1	**SAFR25-H-04-T5G-C1-PS**	31.0	SAFR25H04PS	SMC1	SRT25GL	SXP25WG

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Fixtures are for use with 55V (ANSI S55) lamps only. If a fixture or housing is required for use with 100V (ANSI S56) lamp, consult factory.

Refer to Certification Guide to determine suitability of individual fixture.

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Metal Halide with Threaded Refractor and Guard 70-400 Watts (continued)

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe③	Guard
WALL MOUNT	70	1-1/4	**SAFR07-H-04-T5G-W**	33.5	SAFR07H04	SMW	SRT25GL	SXP25WG
	70	1-1/2	**SAFR07-H-04-T5G-W1**	33.5	SAFR07H04	SMW1	SRT25GL	SXP25WG
	175	1-1/4	**SAFR17-H-04-T5G-W-PS**	35.4	SAFR17H04PS	SMW	SRT25GL	SXP25WG
	175	1-1/2	**SAFR17-H-04-T5G-W1-PS**	35.4	SAFR17H04PS	SMW1	SRT25GL	SXP25WG
	250	1-1/4	**SAFR25-H-04-T5G-W-PS**	37.7	SAFR25H04PS	SMW	SRT25GL	SXP25WG
	250	1-1/2	**SAFR25-H-04-T5G-W1-PS**	37.7	SAFR25H04PS	SMW1	SRT25GL	SXP25WG
25° STANCHION MOUNT	70	1-1/4	**SAFR07-H-04-T5G-S**	31.5	SAFR07H04	SMS	SRT25GL	SXP25WG
	70	1-1/2	**SAFR07-H-04-T5G-S1**	31.5	SAFR07H04	SMS1	SRT25GL	SXP25WG
	175	1-1/4	**SAFR17-H-04-T5G-S-PS**	33.3	SAFR17H04PS	SMS	SRT25GL	SXP25WG
	175	1-1/2	**SAFR17-H-04-T5G-S1-PS**	33.3	SAFR17H04PS	SMS1	SRT25GL	SXP25WG
	250	1-1/4	**SAFR25-H-04-T5G-S-PS**	35.8	SAFR25H04PS	SMS	SRT25GL	SXP25WG
	250	1-1/2	**SAFR25-H-04-T5G-S1-PS**	35.8	SAFR25H04PS	SMS1	SRT25GL	SXP25WG
90° STANCHION MOUNT	70	1/1/4	**SAFR07-H-04-T5G-L**	31.5	SAFR07H04	SML	SRT25GL	SXP25WG
	70	1-1/2	**SAFR07-H-04-T5G-L1**	31.5	SAFR07H04	SML1	SRT25GL	SXP25WG
	175	1-1/4	**SAFR17-H-04-T5G-L-PS**	33.3	SAFR17H04PS	SML	SRT25GL	SXP25WG
	175	1-1/2	**SAFR17-H-04-T5G-L1-PS**	33.3	SAFR17H04PS	SML1	SRT25GL	SXP25WG
	250	1-1/4	**SAFR25-H-04-T5G-L-PS**	35.8	SAFR25H04PS	SML	SRT25GL	SXP25WG
	250	1/1/2	**SAFR25-H-04-T5G-L1-PS**	35.8	SAFR25H04PS	SML1	SRT25GL	SXP25WG

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Fixtures are for use with 55V (ANSI S55) lamps only. If a fixture or housing is required for use with 100V (ANSI S56) lamp, consult factory.

Refer to Certification Guide to determine suitability of individual fixture.

Fixtures with Refractors are not suitable to be ordered with reflectors.

HIGH PRESSURE SODIUM • METAL HALIDE • COMPACT FLUORESCENT

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Metal Halide with Refractor and Guard 70-400 Watts

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor③	Guard
RIGID PENDANT	70	3/4	**SAF07-H-04-R5-G-P**	32.5	SAF07H04	SMP	SRE25GL	SGU25W
	70	1	**SAF07-H-04-R5-G-P1**	32.5	SAF07H04	SMP1	SRE25GL	SGU25W
	175	3/4	**SAF17-H-04-R5-G-P-PS**	34.4	SAF17H04PS	SMP	SRE25GL	SGU25W
	175	1	**SAF17-H-04-R5-G-P1-PS**	34.4	SAF17H04PS	SMP1	SRE25GL	SGU25W
	250	3/4	**SAF25-H-04-R5-G-P-PS**	36.6	SAF25H04PS	SMP	SRE25GL	SGU25W
	250	1	**SAF25-H-04-R5-G-P1-PS**	36.6	SAF25H04PS	SMP1	SRE25GL	SGU25W
	400	3/4	**SAF40-H-04-R5-G-P-PS**	44.0	SAF40H04PS	SMP	SRE45GL	SGU25W
	400	1	**SAF40-H-04-R5-G-P1-PS**	44.0	SAF40H04PS	SMP1	SRE45GL	SGU25W
FLEXIBLE PENDANT	70	3/4	**SAF07-H-04-R5-G-F**	32.5	SAF07H04	SMF	SRE25GL	SGU25W
	70	1	**SAF07-H-04-R5-G-F1**	32.5	SAF07H04	SMF1	SRE25GL	SGU25W
	175	3/4	**SAF17-H-04-R5-G-F-PS**	34.4	SAF17H04PS	SMF	SRE25GL	SGU25W
	175	1	**SAF17-H-04-R5-G-F1-PS**	34.4	SAF17H04PS	SMF1	SRE25GL	SGU25W
	250	3/4	**SAF25-H-04-R5-G-F1-PS**	36.6	SAF25H04PS	SMF	SRE25GL	SGU25W
	250	1	**SAF25-H-04-R5-G-F1-PS**	36.6	SAF25H04PS	SMF1	SRE25GL	SGU25W
	400	3/4	**SAF40-H-04-R5-G-F-PS**	44.0	SAF40H04PS	SMF	SRE45GL	SGU25W
	400	1	**SAF40-H-04-R5-G-F1-PS**	44.0	SAF40H04PS	SMF1	SRE45GL	SGU25W
CEILING MOUNT	70	3/4	**SAF07-H-04-R5-G-C**	32.2	SAF07H04	SMC	SRE25GL	SGU25W
	70	1	**SAF07-H-04-R5-G-C1**	32.2	SAF07H04	SMC1	SRE25GL	SGU25W
	175	3/4	**SAF17-H-04-R5-G-C-PS**	35.3	SAF17H04PS	SMC	SRE25GL	SGU25W
	175	1	**SAF17-H-04-R5-G-C1-PS**	35.3	SAF17H04PS	SMC1	SRE25GL	SGU25W
	250	3/4	**SAF25-H-04-R5-G-C-PS**	37.4	SAF25H04PS	SMC	SRE25GL	SGU25W
	250	1	**SAF25-H-04-R5-G-C1-PS**	37.4	SAF25H04PS	SMC1	SRE25GL	SGU25W
	400	3/4	**SAF40-H-04-R5-G-C-PS**	44.7	SAF40H04PS	SMC	SRE45GL	SGU25W
	400	1	**SAF40-H-04-R5-G-C1-PS**	44.7	SAF40H04PS	SMC1	SRE45GL	SGU25W

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Catalog Nos. shown are for fixtures with IES Type V closed bottom glass refractors, for other type refractors, refer to Catalog Number Logic page.

Refer to Certification Guide to determine suitability of individual fixture. Fixtures with Refractors are not suitable to ordered with reflectors.

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Metal Halide with Refractor and Guard 70-400 Watts (continued)

(Lamps not included)

Mounting Style	Lamp① Watts	Conduit Size (in.)	Catalog③ Number 120/208/240/277V②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor③	Guard
WALL MOUNT	70	3/4	**SAF07-H-04-R5-G-W**	36.4	SAF07H04	SMW	SRE25GL	SGU25W
	70	1	**SAF07-H-04-R5-G-W1**	36.4	SAF07H04	SMW1	SRE25GL	SGU25W
	175	3/4	**SAF17-H-04-R5-G-W-PS**	38.9	SAF17H04PS	SMW	SRE25GL	SGU25W
	175	1	**SAF17-H-04-R5-G-W1-PS**	38.9	SAF17H04PS	SMW1	SRE25GL	SGU25W
	250	3/4	**SAF25-H-04-R5-G-W-PS**	41.1	SAF25H04PS	SMW	SRE45GL	SGU25W
	250	1	**SAF25-H-04-R5-G-W1-PS**	41.1	SAF25H04PS	SMW1	SRE45GL	SGU25W
	400	3/4	**SAF40-H-04-R5-G-W-PS**	48.5	SAF40H04PS	SMW	SRE45GL	SGU25W
	400	1	**SAF40-H-04-R5-G-W1-PS**	48.5	SAF40H04PS	SMW1	SRE45GL	SGU25W
25° STANCHION MOUNT	70	1-1/4	**SAF07-H-04-R5-G-S**	36.4	SAFH07S04	SMS	SRE25GL	SGU25W
	70	1-1/2	**SAF07-H-04-R5-G-S1**	36.4	SAFH07S04	SMS1	SRE25GL	SGU25W
	175	1-1/4	**SAF17-H-04-R5-G-S-PS**	38.9	SAF17H04PS	SMS	SRE25GL	SGU25W
	175	1-1/2	**SAF17-H-04-R5-G-S1-PS**	38.9	SAF17H04PS	SMS1	SRE25GL	SGU25W
	250	1-1/4	**SAF25-H-04-R5-G-S-PS**	41.1	SAF25H04PS	SMS	SRE45GL	SGU25W
	250	1-1/2	**SAF25-H-04-R5-G-S1-PS**	41.1	SAF25H04PS	SMS1	SRE45GL	SGU25W
	400	1-1/4	**SAF40-H-04-R5-G-S-PS**	48.5	SAF40H04PS	SMS	SRE45GL	SGU25W
	400	1-1/2	**SAF40-H-04-R5-G-S1-PS**	48.5	SAF40H04PS	SMS1	SRE45GL	SGU25W
90° STANCHION MOUNT	70	1-1/4	**SAF07-H-04-R5-G-L**	35.2	SAF07H04	SML	SRE25GL	SGU25W
	70	1-1/2	**SAF07-H-04-R5-G-L1**	35.2	SAF07H04	SML1	SRE25GL	SGU25W
	175	1-1/4	**SAF17-H-04-R5-G-L-PS**	37.1	SAF17H04PS	SML	SRE25GL	SGU25W
	175	1-1/2	**SAF17-H-04-R5-G-L1-PS**	37.1	SAF17H04PS	SML1	SRE25GL	SGU25W
	250	1-1/4	**SAF25-H-04-R5-G-L-PS**	39.2	SAF25H04PS	SML	SRE45GL	SGU25W
	250	1-1/2	**SAF25-H-04-R5-G-L1-PS**	39.2	SAF25H04PS	SML1	SRE45GL	SGU25W
	400	1-1/4	**SAF40-H-04-R5-G-L-PS**	46.5	SAF40H04PS	SML	SRE45GL	SGU25W
	400	1-1/2	**SAF40-H-04-R5-G-L1-PS**	46.5	SAF40H04PS	SML1	SRE45GL	SGU25W

To order fixtures with Auxiliary Quartz Circuit - add suffix "Q" to the Catalog No. (100 watt quartz lamp not included).

① All fixtures are designed for Mogul Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page.

③ Catalog Nos. shown are for fixtures with IES Type V closed bottom glass refractors, for other type refractors, refer to Catalog Number Logic page.

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Fluorescent with Globe and Guard 26-84 Watts

(Lamps included)

Mounting Style	Lamp Watts	Conduit Size (in.)	Catalog Number Universal Voltage②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe	Guard
RIGID PENDANT	26	3/4	**SAF26-F-U-GG-P**	17.6	SAF26FU	SMP	SGL25T	SGU25P
	26	1	**SAF26-F-U-GG-P1**	17.6	SAF26FU	SMP1	SGL25T	SGU25P
	32	3/4	**SAF32-F-U-GG-P**	17.6	SAF32FU	SMP	SGL25T	SGU25P
	32	1	**SAF32-F-U-GG-P1**	17.6	SAF32FU	SMP1	SGL25T	SGU25P
	42	3/4	**SAF42-F-U-GG-P**	17.6	SAF42FU	SMP	SGL25T	SGU25P
	42	1	**SAF42-F-U-GG-P1**	17.6	SAF42FU	SMP1	SGL25T	SGU25P
	52①	3/4	**SAF52-F-U-GG-P**	17.8	SAF52FU	SMP	SGL25T	SGU25P
	52①	1	**SAF52-F-U-GG-P1**	17.8	SAF52FU	SMP1	SGL25T	SGU25P
	64①	3/4	**SAF64-F-U-GG-P**	17.8	SAF64FU	SMP	SGL25T	SGU25P
	64①	1	**SAF64-F-U-GG-P1**	17.8	SAF64FU	SMP1	SGL25T	SGU25P
	84①	3/4	**SAF84-F-U-GG-P**	17.8	SAF84FU	SMP	SGL25T	SGU25P
	84①	1	**SAF84-F-U-GG-P1**	17.8	SAF84FU	SMP1	SGL25T	SGU25P
FLEXIBLE PENDANT	26	3/4	**SAF26-F-U-GG-F**	17.6	SAF26FU	SMF	SGL25T	SGU25P
	26	1	**SAF26-F-U-GG-F1**	17.6	SAF26FU	SMF1	SGL25T	SGU25P
	32	3/4	**SAF32-F-U-GG-F**	17.6	SAF32FU	SMF	SGL25T	SGU25P
	32	1	**SAF32-F-U-GG-F1**	17.6	SAF32FU	SMF1	SGL25T	SGU25P
	42	3/4	**SAF42-F-U-GG-F**	17.6	SAF42FU	SMF	SGL25T	SGU25P
	42	1	**SAF42-F-U-GG-F1**	17.6	SAF42FU	SMF1	SGL25T	SGU25P
	52①	3/4	**SAF52-F-U-GG-F**	17.8	SAF52FU	SMF	SGL25T	SGU25P
	52①	1	**SAF52-F-U-GG-F1**	17.8	SAF52FU	SMF1	SGL25T	SGU25P
	64①	3/4	**SAF64-F-U-GG-F**	17.8	SAF64FU	SMF	SGL25T	SGU25P
	64①	1	**SAF64-F-U-GG-F1**	17.8	SAF64FU	SMF1	SGL25T	SGU25P
	84①	3/4	**SAF84-F-U-GG-F**	17.8	SAF84FU	SMF	SGL25T	SGU25P
	84①	1	**SAF84-F-U-GG-F1**	17.8	SAF84FU	SMF1	SGL25T	SGU25P
CEILING MOUNT	26	3/4	**SAF26-F-U-GG-C**	18.0	SAF26FU	SMC	SGL25T	SGU25P
	26	1	**SAF26-F-U-GG-C1**	18.0	SAF26FU	SMC1	SGL25T	SGU25P
	32	3/4	**SAF32-F-U-GG-C**	18.0	SAF32FU	SMC	SGL25T	SGU25P
	32	1	**SAF32-F-U-GG-C1**	18.0	SAF32FU	SMC1	SGL25T	SGU25P
	42	3/4	**SAF42-F-U-GG-C**	18.0	SAF42FU	SMC	SGL25T	SGU25P
	42	1	**SAF42-F-U-GG-C1**	18.0	SAF42FU	SMC1	SGL25T	SGU25P
	52①	3/4	**SAF52-F-U-GG-C**	18.2	SAF52FU	SMC	SGL25T	SGU25P
	52①	1	**SAF52-F-U-GG-C1**	18.2	SAF52FU	SMC1	SGL25T	SGU25P
	64①	3/4	**SAF64-F-U-GG-C**	18.2	SAF64FU	SMC	SGL25T	SGU25P
	64①	1	**SAF64-F-U-GG-C1**	18.2	SAF64FU	SMC1	SGL25T	SGU25P
	84①	3/4	**SAF84-F-U-GG-C**	18.2	SAF84FU	SMC	SGL25T	SGU25P
	84①	1	**SAF84-F-U-GG-C1**	18.2	SAF84FU	SMC1	SGL25T	SGU25P

① 52 (2-26W Lamps); 64 (2-32W Lamps); 84 (2-42W Lamps)
② 120V thru 277V AC, 50/60HZ; 125V DC

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Fluorescent with Globe and Guard 26-84 Watts (continued)

(Lamps included)

Mounting Style	Lamp Watts	Conduit Size (in.)	Catalog Number Universal Voltage②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Globe	Guard
WALL MOUNT	26	3/4	**SAF26-F-U-GG-W**	20.7	SAF26FU	SMW	SGL25T	SGU25P
	26	1	**SAF26-F-U-GG-W1**	207.	SAF26FU	SMW1	SGL25T	SGU25P
	32	3/4	**SAF32-F-U-GG-W**	20.7	SAF32FU	SMW	SGL25T	SGU25P
	32	1	**SAF32-F-U-GG-W1**	20.7	SAF32FU	SMW1	SGL25T	SGU25P
	42	3/4	**SAF42-F-U-GG-W**	20.7	SAF42FU	SMW	SGL25T	SGU25P
	42	1	**SAF42-F-U-GG-W1**	20.7	SAF42FU	SMW1	SGL25T	SGU25P
	52①	3/4	**SAF52-F-U-GG-W**	20.9	SAF52FU	SMW	SGL25T	SGU25P
	52①	1	**SAF52-F-U-GG-W1**	20.9	SAF52FU	SMW1	SGL25T	SGU25P
	64①	3/4	**SAF64-F-U-GG-W**	20.9	SAF64FU	SMW	SGL25T	SGU25P
	64①	1	**SAF64-F-U-GG-W1**	20.9	SAF64FU	SMW1	SGL25T	SGU25P
	84①	3/4	**SAF84-F-U-GG-W**	20.9	SAF84FU	SMW	SGL25T	SGU25P
	84①	1	**SAF84-F-U-GG-W1**	20.9	SAF84FU	SMW1	SGL25T	SGU25P
25° STANCHION MOUNT	26	1-1/4	**SAF26-F-U-GG-S**	18.6	SAF26FU	SMS	SGL25T	SGU25P
	26	1-1/2	**SAF26-F-U-GG-S1**	18.6	SAF26FU	SMS1	SGL25T	SGU25P
	32	1-1/4	**SAF32-F-U-GG-S**	18.6	SAF32FU	SMS	SGL25T	SGU25P
	32	1-1/2	**SAF32-F-U-GG-S1**	18.6	SAF32FU	SMS1	SGL25T	SGU25P
	42	1-1/4	**SAF42-F-U-GG-S**	18.6	SAF42FU	SMS	SGL25T	SGU25P
	42	1-1/2	**SAF42-F-U-GG-S1**	18.6	SAF42FU	SMS1	SGL25T	SGU25P
	52①	1-1/4	**SAF52-F-U-GG-S**	18.8	SAF52FU	SMS	SGL25T	SGU25P
	52①	1-1/2	**SAF52-F-U-GG-S1**	18.8	SAF52FU	SMS1	SGL25T	SGU25P
	64①	1-1/4	**SAF64-F-U-GG-S**	18.8	SAF64FU	SMS	SGL25T	SGU25P
	64①	1-1/2	**SAF64-F-U-GG-S1**	18.8	SAF64FU	SMS1	SGL25T	SGU25P
	84①	1-1/4	**SAF84-F-U-GG-S**	18.8	SAF84FU	SMS	SGL25T	SGU25P
	84①	1-1/2	**SAF84-F-U-GG-S1**	18.8	SAF84FU	SMS1	SGL25T	SGU25P
90° STANCHION MOUNT	26	1-1/4	**SAF26-F-U-GG-L**	18.6	SAF26FU	SML	SGL25T	SGU25P
	26	1-1/2	**SAF26-F-U-GG-L1**	18.6	SAF26FU	SML1	SGL25T	SGU25P
	32	1-1/4	**SAF32-F-U-GG-L**	18.6	SAF32FU	SML	SGL25T	SGU25P
	32	1-1/2	**SAF32-F-U-GG-L1**	18.6	SAF32FU	SML1	SGL25T	SGU25P
	42	1-1/4	**SAF42-F-U-GG-L**	18.6	SAF42FU	SML	SGL25T	SGU25P
	42	1-1/2	**SAF42-F-U-GG-L1**	18.6	SAF42FU	SML1	SGL25T	SGU25P
	52①	1-1/4	**SAF52-F-U-GG-L**	18.8	SAF52FU	SML	SGL25T	SGU25P
	52①	1-1/2	**SAF52-F-U-GG-L1**	18.8	SAF52FU	SML1	SGL25T	SGU25P
	64①	1-1/4	**SAF64-F-U-GG-L**	18.8	SAF64FU	SML	SGL25T	SGU25P
	64①	1-1/2	**SAF64-F-U-GG-L1**	18.8	SAF64FU	SML1	SGL25T	SGU25P
	84①	1-1/4	**SAF84-F-U-GG-L**	18.8	SAF84FU	SML	SGL25T	SGU25P
	84①	1-1/2	**SAF84-F-U-GG-L1**	18.8	SAF84FU	SML1	SGL25T	SGU25P

① 52 (2-26W Lamps); 64 (2-32W Lamps); 84 (2-42W Lamps)
② 120V thru 277V AC, 50/60HZ; 125V DC

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Fluorescent with Threaded Refractor and Guard 26-84 Watts

(Lamps included)

Mounting Style	Lamp Watts	Conduit Size (in.)	Catalog Number Universal Voltage②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor③	Guard
RIGID PENDANT	26	3/4	**SAFR26-F-U-T5G-P**	22.4	SAFR26FU	SMP	SRT25GL	SXP25WG
	26	1	**SAFR26-F-U-T5G-P1**	22.4	SAFR26FU	SMP1	SRT25GL	SXP25WG
	32	3/4	**SAFR32-F-U-T5G-P**	22.4	SAFR32FU	SMP	SRT25GL	SXP25WG
	32	1	**SAFR32-F-U-T5G-P1**	22.4	SAFR32FU	SMP1	SRT25GL	SXP25WG
	42	3/4	**SAFR42-F-U-T5G-P**	22.4	SAFR42FU	SMP	SRT25GL	SXP25WG
	42	1	**SAFR42-F-U-T5G-P1**	22.4	SAFR42FU	SMP1	SRT25GL	SXP25WG
	52①	3/4	**SAFR52-F-U-T5G-P**	22.7	SAFR52FU	SMP	SRT25GL	SXP25WG
	52①	1	**SAFR52-F-U-T5G-P1**	22.7	SAFR52FU	SMP1	SRT25GL	SXP25WG
	64①	3/4	**SAFR64-F-U-T5G-P**	22.7	SAFR64FU	SMP	SRT25GL	SXP25WG
	64①	1	**SAFR64-F-U-T5G-P1**	22.7	SAFR64FU	SMP1	SRT25GL	SXP25WG
	84①	3/4	**SAFR84-F-U-T5G-P**	22.7	SAFR84FU	SMP	SRT25GL	SXP25WG
	84①	1	**SAFR84-F-U-T5G-P1**	22.7	SAFR84FU	SMP1	SRT25GL	SXP25WG
FLEXIBLE PENDANT	26	3/4	**SAFR26-F-U-T5G-F**	22.4	SAFR26FU	SMF	SRT25GL	SXP25WG
	26	1	**SAFR26-F-U-T5G-F1**	22.4	SAFR26FU	SMF1	SRT25GL	SXP25WG
	32	3/4	**SAFR32-F-U-T5G-F**	22.4	SAFR32FU	SMF	SRT25GL	SXP25WG
	32	1	**SAFR32-F-U-T5G-F1**	22.4	SAFR32FU	SMF1	SRT25GL	SXP25WG
	42	3/4	**SAFR42-F-U-T5G-F**	22.4	SAFR42FU	SMF	SRT25GL	SXP25WG
	42	1	**SAFR42-F-U-T5G-F1**	22.4	SAFR42FU	SMF1	SRT25GL	SXP25WG
	52①	3/4	**SAFR52-F-U-T5G-F**	22.7	SAFR52FU	SMF	SRT25GL	SXP25WG
	52①	1	**SAFR52-F-U-T5G-F1**	22.7	SAFR52FU	SMF1	SRT25GL	SXP25WG
	64①	3/4	**SAFR64-F-U-T5G-F**	22.7	SAFR64FU	SMF	SRT25GL	SXP25WG
	64①	1	**SAFR64-F-U-T5G-F1**	22.7	SAFR64FU	SMF1	SRT25GL	SXP25WG
	84①	3/4	**SAFR84-F-U-T5G-F**	22.7	SAFR84FU	SMF	SRT25GL	SXP25WG
	84①	1	**SAFR84-F-U-T5G-F1**	22.7	SAFR84FU	SMF1	SRT25GL	SXP25WG
CEILING MOUNT	26	3/4	**SAFR26-F-U-T5G-C**	22.8	SAFR26FU	SMC	SRT25GL	SXP25WG
	26	1	**SAFR26-F-U-T5G-C1**	22.8	SAFR26FU	SMC1	SRT25GL	SXP25WG
	32	3/4	**SAFR32-F-U-T5G-C**	22.8	SAFR32FU	SMC	SRT25GL	SXP25WG
	32	1	**SAFR32-F-U-T5G-C1**	22.8	SAFR32FU	SMC1	SRT25GL	SXP25WG
	42	3/4	**SAFR42-F-U-T5G-C**	22.8	SAFR42FU	SMC	SRT25GL	SXP25WG
	42	1	**SAFR42-F-U-T5G-C1**	22.8	SAFR42FU	SMC1	SRT25GL	SXP25WG
	52①	3/4	**SAFR52-F-U-T5G-C**	23.1	SAFR52FU	SMC	SRT25GL	SXP25WG
	52①	1	**SAFR52-F-U-T5G-C1**	23.1	SAFR52FU	SMC1	SRT25GL	SXP25WG
	64①	3/4	**SAFR64-F-U-T5G-C**	23.1	SAFR64FU	SMC	SRT25GL	SXP25WG
	64①	1	**SAFR64-F-U-T5G-C1**	23.1	SAFR64FU	SMC1	SRT25GL	SXP25WG
	84①	3/4	**SAFR84-F-U-T5G-C**	23.1	SAFR84FU	SMC	SRT25GL	SXP25WG
	84①	1	**SAFR84-F-U-T5G-C1**	23.1	SAFR84FU	SMC1	SRT25GL	SXP25WG

① 52 (2-26W Lamps); 64 (2-32W Lamps); 84 (2-42W Lamps)
② 120V thru 277V AC, 50/60HZ; 125V DC
③ Catalog Nos. shown are for fixtures with IES Type V closed bottom glass refractors, for other type refractors, refer to Catalog Number Logic

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Fluorescent with Threaded Refractor and Guard 26-84 Watts (continued)

(Lamps included)

Mounting Style	Lamp Watts	Conduit Size (in.)	Catalog Number Universal Voltage②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor③	Guard
WALL MOUNT	26	3/4	**SAFR26-F-U-T5G-W**	25.5	SAFR26FU	SMW	SRT25GL	SXP25WG
	26	1	**SAFR26-F-U-T5G-W1**	25.5	SAFR26FU	SMW1	SRT25GL	SXP25WG
	32	3/4	**SAFR32-F-U-T5G-W**	25.5	SAFR32FU	SMW	SRT25GL	SXP25WG
	32	1	**SAFR32-F-U-T5G-W1**	25.5	SAFR32FU	SMW1	SRT25GL	SXP25WG
	42	3/4	**SAFR42-F-U-T5G-W**	25.5	SAFR42FU	SMW	SRT25GL	SXP25WG
	42	1	**SAFR42-F-U-T5G-W1**	25.5	SAFR42FU	SMW1	SRT25GL	SXP25WG
	52①	3/4	**SAFR52-F-U-T5G-W**	25.8	SAFR52FU	SMW	SRT25GL	SXP25WG
	52①	1	**SAFR52-F-U-T5G-W1**	25.8	SAFR52FU	SMW1	SRT25GL	SXP25WG
	64①	3/4	**SAFR64-F-U-T5G-W**	25.8	SAFR64FU	SMW	SRT25GL	SXP25WG
	64①	1	**SAFR64-F-U-T5G-W1**	25.8	SAFR64FU	SMW1	SRT25GL	SXP25WG
	84①	3/4	**SAFR84-F-U-T5G-W**	25.8	SAFR84FU	SMW	SRT25GL	SXP25WG
	84①	1	**SAFR84-F-U-T5G-W1**	25.8	SAFR84FU	SMW1	SRT25GL	SXP25WG
25° STANCHION MOUNT	26	1-1/4	**SAFR26-F-U-T5G-S**	23.4	SAFR26FU	SMS	SRT25GL	SXP25WG
	26	1-1/2	**SAFR26-F-U-T5G-S1**	23.4	SAFR26FU	SMS1	SRT25GL	SXP25WG
	32	1-1/4	**SAFR32-F-U-T5G-S**	23.4	SAFR32FU	SMS	SRT25GL	SXP25WG
	32	1-1/2	**SAFR32-F-U-T5G-S1**	23.4	SAFR32FU	SMS1	SRT25GL	SXP25WG
	42	1-1/4	**SAFR42-F-U-T5G-S**	23.4	SAFR42FU	SMS	SRT25GL	SXP25WG
	42	1-1/2	**SAFR42-F-U-T5G-S1**	23.4	SAFR42FU	SMS1	SRT25GL	SXP25WG
	52①	1-1/4	**SAFR52-F-U-T5G-S**	23.7	SAFR52FU	SMS	SRT25GL	SXP25WG
	52①	1-1/2	**SAFR52-F-U-T5G-S1**	23.7	SAFR52FU	SMS1	SRT25GL	SXP25WG
	64①	1-1/4	**SAFR64-F-U-T5G-S**	23.7	SAFR64FU	SMS	SRT25GL	SXP25WG
	64①	1-1/2	**SAFR64-F-U-T5G-S1**	23.7	SAFR64FU	SMS1	SRT25GL	SXP25WG
	84①	1-1/4	**SAFR84-F-U-T5G-S**	23.7	SAFR84FU	SMS	SRT25GL	SXP25WG
	84①	1-1/2	**SAFR84-F-U-T5G-S1**	23.7	SAFR84FU	SMS1	SRT25GL	SXP25WG
90° STANCHION MOUNT	26	1-1/4	**SAFR26-F-U-T5G-L**	23.4	SAFR26FU	SML	SRT25GL	SXP25WG
	26	1-1/2	**SAFR26-F-U-T5G-L1**	23.4	SAFR26FU	SML1	SRT25GL	SXP25WG
	32	1-1/4	**SAFR32-F-U-T5G-L**	23.4	SAFR32FU	SML	SRT25GL	SXP25WG
	32	1-1/2	**SAFR32-F-U-T5G-L1**	23.4	SAFR32FU	SML1	SRT25GL	SXP25WG
	42	1-1/4	**SAFR42-F-U-T5G-L**	23.4	SAFR42FU	SML	SRT25GL	SXP25WG
	42	1-1/2	**SAFR42-F-U-T5G-L1**	23.4	SAFR42FU	SML1	SRT25GL	SXP25WG
	52①	1-1/4	**SAFR52-F-U-T5G-L**	23.7	SAFR52FU	SML	SRT25GL	SXP25WG
	52①	1-1/2	**SAFR52-F-U-T5G-L1**	23..7	SAFR52FU	SML1	SRT25GL	SXP25WG
	64①	1-1/4	**SAFR64-F-U-T5G-L**	23.7	SAFR64FU	SML	SRT25GL	SXP25WG
	64①	1-1/2	**SAFR64-F-U-T5G-L1**	23.7	SAFR64FU	SML1	SRT25GL	SXP25WG
	84①	1-1/4	**SAFR84-F-U-T5G-L**	23.7	SAFR84FU	SML	SRT25GL	SXP25WG
	84①	1-1/2	**SAFR84-F-U-T5G-L1**	2..7	SAFR84FU	SML1	SRT25GL	SXP25WG

① 52 (2-26W Lamps); 64 (2-32W Lamps); 84 (2-42W Lamps)
② 120V thru 277V AC, 50/60HZ; 125V DC

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Fluorescent with Refractor and Guard 26-84 Watts

(Lamps included)

Mounting Style	Lamp Watts	Conduit Size (in.)	Catalog Number Universal Voltage②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor☒	Guard
RIGID PENDANT	26	3/4	**SAF26-F-U-R5G-P**	17.6	SAF26FU	SMP	SRE25GL	SGU25W
	26	1	**SAF26-F-U-R5G-P1**	17.6	SAF26FU	SMP1	SRE25GL	SGU25W
	32	3/4	**SAF32-F-U-R5G-P**	17.6	SAF32FU	SMP	SRE25GL	SGU25W
	32	1	**SAF32-F-U-R5G-P1**	17.6	SAF32FU	SMP1	SRE25GL	SGU25W
	42	3/4	**SAF42-F-U-R5G-P**	17.6	SAF42FU	SMP	SRE25GL	SGU25W
	42	1	**SAF42-F-U-R5G-P1**	17.6	SAF42FU	SMP1	SRE25GL	SGU25W
	52①	3/4	**SAF52-F-U-R5G-P**	17.8	SAF52FU	SMP	SRE25GL	SGU25W
	52①	1	**SAF52-F-U-R5G-P1**	17.8	SAF52FU	SMP1	SRE25GL	SGU25W
	64①	3/4	**SAF64-F-U-R5G-P**	17.8	SAF64FU	SMP	SRE25GL	SGU25W
	64①	1	**SAF64-F-U-R5G-P1**	17.8	SAF64FU	SMP1	SRE25GL	SGU25W
	84①	3/4	**SAF84-F-U-R5G-P**	17.8	SAF84FU	SMP	SRE25GL	SGU25W
	84①	1	**SAF84-F-U-R5G-P1**	17.8	SAF84FU	SMP1	SRE25GL	SGU25W
FLEXIBLE PENDANT	26	3/4	**SAF26-F-U-R5G-F**	17.6	SAF26FU	SMF	SRE25GL	SGU25W
	26	1	**SAF26-F-U-R5G-F1**	17.6	SAF26FU	SMF1	SRE25GL	SGU25W
	32	3/4	**SAF32-F-U-R5G-F**	17.6	SAF32FU	SMF	SRE25GL	SGU25W
	32	1	**SAF32-F-U-R5G-F1**	17.6	SAF32FU	SMF1	SRE25GL	SGU25W
	42	3/4	**SAF42-F-U-R5G-F**	17.6	SAF42FU	SMF	SRE25GL	SGU25W
	42	1	**SAF42-F-U-R5G-F1**	17.6	SAF42FU	SMF1	SRE25GL	SGU25W
	52①	3/4	**SAF52-F-U-R5G-F**	17.8	SAF52FU	SMF	SRE25GL	SGU25W
	52①	1	**SAF52-F-U-R5G-F1**	17.8	SAF52FU	SMF1	SRE25GL	SGU25W
	64①	3/4	**SAF64-F-U-R5G-F**	17.8	SAF64FU	SMF	SRE25GL	SGU25W
	64①	1	**SAF64-F-U-R5G-F1**	17.8	SAF64FU	SMF1	SRE25GL	SGU25W
	84①	3/4	**SAF84-F-U-R5G-F**	17.8	SAF84FU	SMF	SRE25GL	SGU25W
	84①	1	**SAF84-F-U-R5G-F1**	17.8	SAF84FU	SMF1	SRE25GL	SGU25W
CEILING MOUNT	26	3/4	**SAF26-F-U-R5G-C**	18.0	SAF26FU	SMC	SRE25GL	SGU25W
	26	1	**SAF26-F-U-R5G-C1**	18.0	SAF26FU	SMC1	SRE25GL	SGU25W
	32	3/4	**SAF32-F-U-R5G-C**	18.0	SAF32FU	SMC	SRE25GL	SGU25W
	32	1	**SAF32-F-U-E5G-C1**	18.0	SAF32FU	SMC1	SRE25GL	SGU25W
	42	3/4	**SAF42-F-U-R5G-C**	18.0	SAF42FU	SMC	SRE25GL	SGU25W
	42	1	**SAF42-F-U-R5G-C1**	18.0	SAF42FU	SMC1	SRE25GL	SGU25W
	52①	3/4	**SAF52-F-U-R5G-C**	18.2	SAF52FU	SMC	SRE25GL	SGU25W
	52①	1	**SAF52-F-U-R5G-C1**	18.2	SAF52FU	SMC1	SRE25GL	SGU25W
	64①	3/4	**SAF64-F-U-R5G-C**	18.2	SAF64FU	SMC	SRE25GL	SGU25W
	64①	1	**SAF64-F-U-R5G-C1**	18.2	SAF64FU	SMC1	SRE25GL	SGU25W
	84①	3/4	**SAF84-F-U-R5G-C**	18.2	SAF84FU	SMC	SRE25GL	SGU25W
	84①	1	**SAF84-F-U-R5G-C1**	18.2	SAF84FU	SMC1	SRE25GL	SGU25W







① 52 (2-26W Lamps); 64 (2-32W Lamps); 84 (2-42W Lamps)
②120V thru 277V AC, 50/60HZ; 125V DC

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Fluorescent with Refractor and Guard 26-84 Watts (continued)

(Lamps included)

Mounting Style	Lamp Watts	Conduit Size (in.)	Catalog Number Universal Voltage②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing②	Outlet Box	Refractor③	Guard
WALL MOUNT	26	3/4	**SAF26-F-U-GG-W**	31.5	SAF26FU	SMW	SRE25GL	SGU25W
	26	1	**SAF26-F-U-GG-W1**	31.5	SAF26FU	SMW1	SRE25GL	SGU25W
	32	3/4	**SAF32-F-U-GG-W**	31.5	SAF32FU	SMW	SRE25GL	SGU25W
	32	1	**SAF32-F-U-GG-W1**	31.5	SAF32FU	SMW1	SRE25GL	SGU25W
	42	3/4	**SAF42-F-U-GG-W**	31.5	SAF42FU	SMW	SRE25GL	SGU25W
	42	1	**SAF42-F-U-GG-W1**	31.5	SAF42FU	SMW1	SRE25GL	SGU25W
	52①	3/4	**SAF52-F-U-GG-W**	31.7	SAF52FU	SMW	SRE25GL	SGU25W
	52①	1	**SAF52-F-U-GG-W1**	31.7	SAF52FU	SMW1	SRE25GL	SGU25W
	64①	3/4	**SAF64-F-U-GG-W**	31.7	SAF64FU	SMW	SRE25GL	SGU25W
	64①	1	**SAF64-F-U-GG-W1**	31.7	SAF64FU	SMW1	SRE25GL	SGU25W
	84①	3/4	**SAF84-F-U-GG-W**	31.7	SAF84FU	SMW	SRE25GL	SGU25W
	84①	1	**SAF84-F-U-GG-W1**	31.7	SAF84FU	SMW1	SRE25GL	SGU25W
25° STANCHION MOUNT	26	1-1/4	**SAF26-F-U-GG-S**	29.4	SAF26FU	SMS	SRE25GL	SGU25W
	26	1-1/2	**SAF26-F-U-GG-S1**	29.4	SAF26FU	SMS1	SRE25GL	SGU25W
	32	1-1/4	**SAF32-F-U-GG-S**	29.4	SAF32FU	SMS	SRE25GL	SGU25W
	32	1-1/2	**SAF32-F-U-GG-S1**	29.4	SAF32FU	SMS1	SRE25GL	SGU25W
	42	1-1/4	**SAF42-F-U-GG-S**	29.4	SAF42FU	SMS	SRE25GL	SGU25W
	42	1-1/2	**SAF42-F-U-GG-S1**	29.4	SAF42FU	SMS1	SRE25GL	SGU25W
	52①	1-1/4	**SAF52-F-U-GG-S**	29.6	SAF52FU	SMS	SRE25GL	SGU25W
	52①	1-1/2	**SAF52-F-U-GG-S1**	29.6	SAF52FU	SMS1	SRE25GL	SGU25W
	64①	1-1/4	**SAF64-F-U-GG-S**	29.6	SAF64FU	SMS	SRE25GL	SGU25W
	64①	1-1/2	**SAF64-F-U-GG-S1**	29.6	SAF64FU	SMS1	SRE25GL	SGU25W
	84①	1-1/4	**SAF84-F-U-GG-S**	29.6	SAF84FU	SMS	SRE25GL	SGU25W
	84①	1-1/2	**SAF84-F-U-GG-S1**	29.6	SAF84FU	SMS1	SRE25GL	SGU25W
90° STANCHION MOUNT	26	1-1/4	**SAF26-F-U-GG-L**	29.4	SAF26FU	SML	SRE25GL	SGU25W
	26	1-1/2	**SAF26-F-U-GG-L1**	29.4	SAF26FU	SML1	SRE25GL	SGU25W
	32	1-1/4	**SAF32-F-U-GG-L**	29.4	SAF32FU	SML	SRE25GL	SGU25W
	32	1-1/2	**SAF32-F-U-GG-L1**	29.4	SAF32FU	SML1	SRE25GL	SGU25W
	42	1-1/4	**SAF42-F-U-GG-L**	29.4	SAF42FU	SML	SRE25GL	SGU25W
	42	1-1/2	**SAF42-F-U-GG-L1**	29.4	SAF42FU	SML1	SRE25GL	SGU25W
	52①	1-1/4	**SAF52-F-U-GG-L**	29.6	SAF52FU	SML	SRE25GL	SGU25W
	52①	1-1/2	**SAF52-F-U-GG-L1**	29.6	SAF52FU	SML1	SRE25GL	SGU25W
	64①	1-1/4	**SAF64-F-U-GG-L**	29.6	SAF64FU	SML	SRE25GL	SGU25W
	64①	1-1/2	**SAF64-F-U-GG-L1**	29.6	SAF64FU	SML1	SRE25GL	SGU25W
	84①	1-1/4	**SAF84-F-U-GG-L**	29.6	SAF84FU	SML	SRE25GL	SGU25W
	84①	1-1/2	**SAF84-F-U-GG-L1**	29.6	SAF84FU	SML1	SRE25GL	SGU25W

① 52 (2-26W Lamps); 64 (2-32W Lamps); 84 (2-42W Lamps)
② 120V thru 277V AC, 50/60HZ; 125V DC

Fixtures with Refractors are not suitable to be ordered with reflectors.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Fluorescent Emergency



- Emergency illumination meets OSHA, Life Safety Code (NFPA 101), and National Electric Code (NFPA 70) requirements
- Provides up to 700 lumens of initial light output in emergency mode
- Provides at least 90 minutes of illumination in emergency mode
- Sealed, maintenance free nickel cadmium batteries with a life expectancy of 7-10 years
- Self contained unitized construction
- Starting temperature 0°C (32°F)

SAF emergency series luminaires are also available in 26, 32, 52, 64 & 84 watts. See catalog number logic on page 195 for options.

(Lamps included)

Fixture Type	Description	Conduit Size (In.)	Voltage①	Catalog Number	Shipping Weight (Lbs.)
Emergency Only Operation	Stanchion/Pendant/Ceiling Mount (1) 42 Watt Fluorescent lamps	3/4	120v/60HZ	SAF42-F-12-GG-C-EMO	22.2
		1	120v/60HZ	SAF42-F-12-GG-C1-EMO	22.2
	Wall Mount (1) 42 Watt Fluorescent lamps	3/4	120v/60HZ	SAF42-F-12-GG-W-EMO	28.23
		1	120v/60HZ	SAF42-F-12-GG-W1-EMO	28.23
Emergency and Normal Operation	Stanchion/Pendant/Ceiling Mount (1) 42 Watt Fluorescent lamps	3/4	120v/60HZ	SAF42-F-12-GG-C-EM	24.1
		1	120v/60HZ	SAF42-F-12-GG-C1-EM	24.1
	Wall Mount (1) 42 Watt Fluorescent lamps	3/4	120v/60HZ	SAF42-F-12-GG-W-EM	30.13
		1	120v/60HZ	SAF42-F-12-GG-W1-EM	30.13

① Fixtures and housing are shown with 120V 60 HZ ballast. For 277V 60 HZ ballast, refer to Catalog Number Logic page 125.
Refer to Certification Guide on page 126 to determine suitability of individual fixture.

Certification Guide

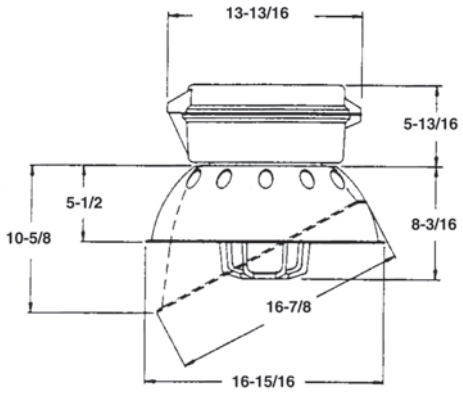
Model	Ambient Temperature °C	Lamp Watts	Class I, Division 2 Groups A,B, C, D (When Used With)			Class II, Division 1, Class III (When Used With)			Supply Wire Suitable Temperature °C	UL1598A Outdoor
			Globe	Globe w/ Reflector	Refractor	Groups	Globe	Refractor		
SAF26F	40	26W	T3	T3	T3B	E,F,G	T4A	T6	90	YES
SAF32F	40	32W	T2B	T2B	T2B	E,F,G	T4A	T4	90	YES
SAF42F	40	42W	T2D	T2D	T2D	E,F,G	T3C	T4A	90	YES
SAF52F	40	52W (2 X 26W)	T2B	T2B	T2B	E,F,G	T4A	T4	90	YES
SAF64F	40	64W (2 X 32W)	T2B	T2B	T2B	E,F,G	T4A	T4	90	YES
SAF84F	40	84W (2 X 42W)	T2A	T2A	T2A	E,F,G	T4A	T4	90	YES

SAF Series

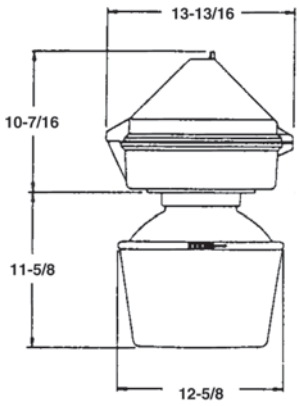
Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium 70, 100 & 150 Watt
Metal Halide 175 & 250 Watt
CFL 26/32/42/52/64 & 84 Watt

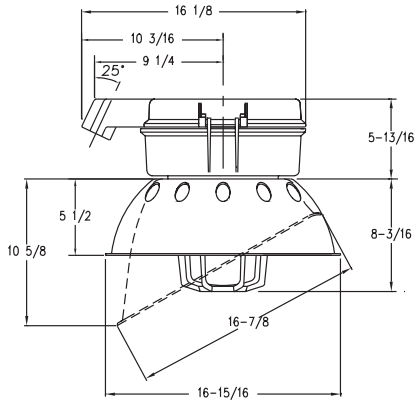
Fixture Dimensions (inches)



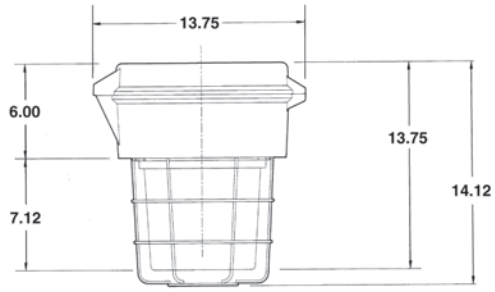
RIGID, FLEX PENDANT
with Globe, Guard and Reflector



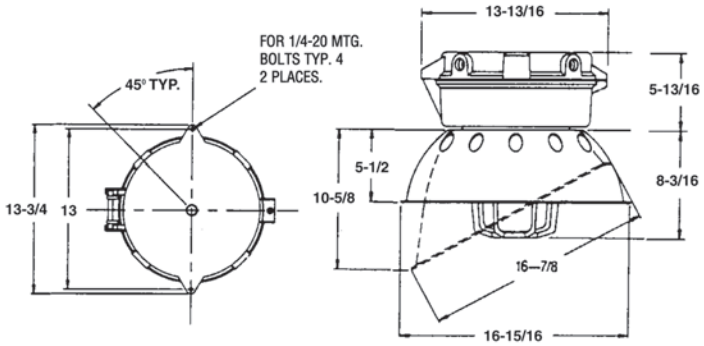
CONE MOUNT
with Refractor



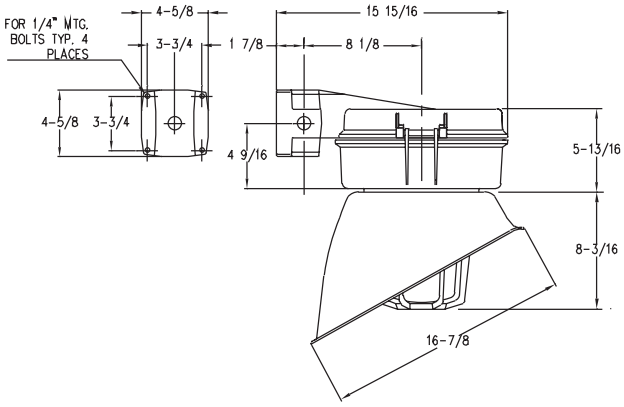
STANCHION MOUNT
with Globe, Guard and Reflector



PENDANT MOUNT
with Threaded Glass Refractor and Guard



CEILING MOUNT
with Globe, Guard and Reflector



WALL MOUNT
with Globe, Guard and Reflector

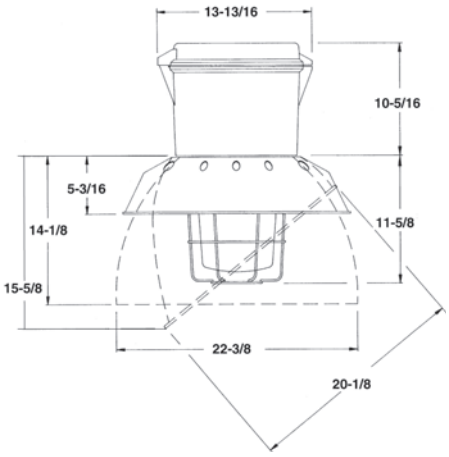
★ Refer to Certification Guide on page 126 to determine suitability of individual fixture.

SAF Series

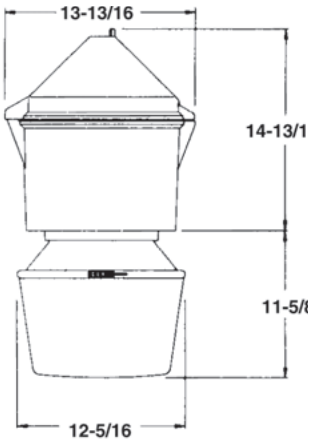
Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

High Pressure Sodium 250 & 400 Watt
Metal Halide 320, 350 & 400 Watt

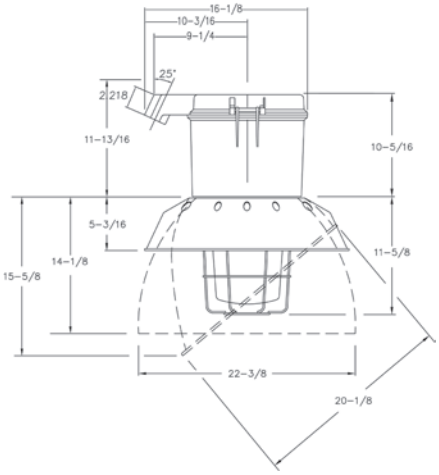
Fixture Dimensions (inches)



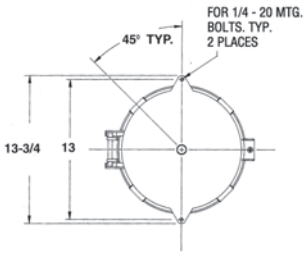
RIGID, FLEX PENDANT
with Globe, Guard and Reflector

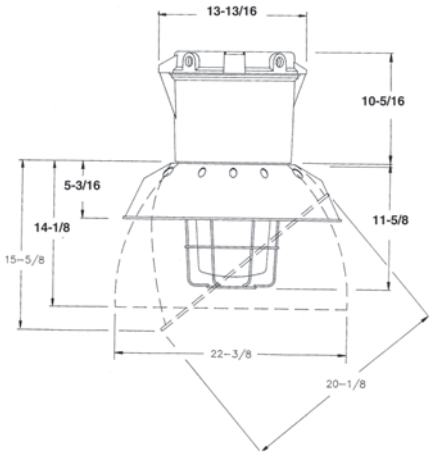


CONE MOUNT
with Refractor

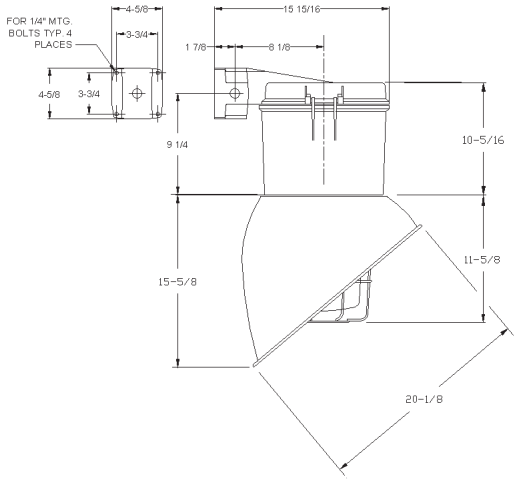


STANCHION MOUNT
with Globe, Guard and Reflector





CEILING MOUNT
with Globe, Guard and Reflector



WALL MOUNT
with Globe, Guard and Reflector.

★ Refer to Certification Guide on page 126 to determine suitability of individual fixture.

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Coefficients of Utilization

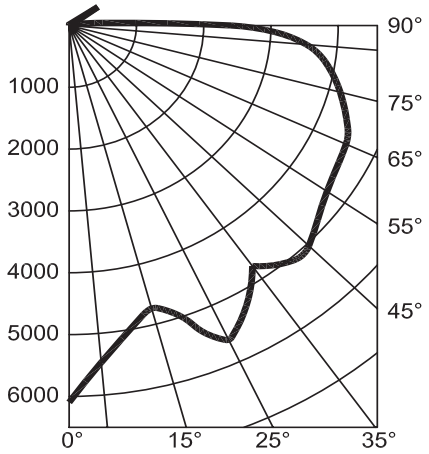
SAF40-H-04-HD-XX

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.97	.97	.97	.89	.89	.89	.80	.80	.80
1	.78	.78	.67	.71	.66	.63	.62	.60	.57
2	.65	.65	.51	.59	.53	.48	.52	.48	.44
3	.55	.55	.40	.50	.43	.38	.44	.39	.35
4	.48	.48	.33	.44	.37	.31	.39	.33	.29
5	.42	.42	.27	.39	.31	.26	.34	.29	.24
6	.38	.38	.23	.34	.27	.22	.31	.25	.21
7	.34	.34	.20	.31	.24	.19	.28	.22	.18
8	.31	.31	.18	.28	.22	.17	.25	.20	.16
9	.28	.28	.16	.26	.19	.15	.23	.18	.14
10	.26	.26	.14	.24	.18	.13	.22	.17	.13

Candlepower Distribution

Deg.	Norm
5	5471
15	4671
25	5540
35	4749
45	5041
55	4680
65	4542
75	4172
85	3541
90	2406

Photometric Data



SAF Series

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Accessories

OUTLET BOXES	Catalog No.	Conduit Hub Size (In.)	Shipping Weight (Lbs.)
RIGID PENDANT 	SMP	3/4	3.3
	SMP1	1	3.3
FLEXIBLE PENDANT 	SMF	3/4	3.3
	SMF1	1	3.3
CEILING MOUNT 	SMC	3/4	4.1
	SMC1	3/4	4.1
CONE MOUNT 	SMK	3/4	14.5
	SMK1	1	14.5
WALL MOUNT 	SMW	3/4	7.8
	SMW1	1	7.8
STANCHION MOUNT (25°) 	SMS	1 1/4	5.9
	SMS1	1 1/2	5.9
STANCHION MOUNT (90°) 	SML	1 1/4	5.9
	SML1	1 1/2	5.9

Refer to Certification Guide to determine suitability of individual fixture.

REFLECTORS②	Catalog No.	Description	Shipping Weight (Lbs.)
	SR25D①	Standard Dome Reflector Fiberglass Reinforced Polyester for use with 5-1/2 in. dia. Globe	2.0
	SR40D①	Standard Dome Reflector Fiberglass Reinforced Polyester for use with 7-3/4 in. dia. Globe	3.0
	SR40DD①	Deep Dome Reflector Clear Prismatic Acrylic for use with 7-3/4 in. dia. Globe	7.0
	SR25A	30° Angle Reflector Fiberglass Reinforced Polyester for use with 5-1/2 in. dia. Globe	2.0
	SR40A	30° Angle Reflector Fiberglass Reinforced Polyester for use with 7-3/4 in. dia. Globe	4.5
	SR40HB①	High Bay Aluminum Reflector with baked on white enamel for use with 7-3/4 in. dia. Globe	5.0

① Not suitable for wall mount applications, fixtures with quartz option or with R2, R3 or R5 refractor

② Not suitable fixtures with quartz option or with R2, R3 or R5 refractor

SAF Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 • Wet Locations • CSA

Accessories

GUARDS	Catalog No.	Description	Shipping Weight (Lbs.)
	SGU25P	Fiberglass Reinforced Polycarbonate Guard for use with 5-1/2 in. dia. Globe	.33
	SGU25SS	Stainless Steel Guard for use with 5-1/2 in. dia. Globe	.20
	SGU40SS	Stainless Steel Guard for use with 7-3/4 in. dia. Globe	2.0
	SGU25W	Wire Guard for Glass Refractors (R Type Refractors)	2.0
	SXP25WG	Wire Guard For Threaded Globe Refractors (T Type Refractors)	1.50

Refer to Certification Guide to determine suitability of individual fixture.
Cast Guards Available

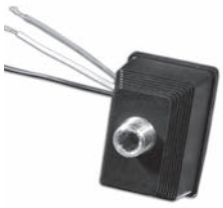
GLASS GLOBE	Catalog No.	Description	Shipping Weight (Lbs.)
	SGL25T	Heat and Impact Resistant Prismatic Glass Globe 250 Watt Max. (5-1/2 in. dia.)	4.0
	SGL40T	Heat and Impact Resistant Prismatic Glass Globe 400 Watt Max. (7-3/4 in. dia.)	8.0

FUSE KIT	Catalog No.	Description	Shipping Weight (Lbs.)
	SBF600	Open fuse block kit- 600 volt AC maximum.	.06

SAFETY CABLE	Catalog No.	Shipping Weight (Lbs.)
	10128R	1.0

SAF Series

Accessories

PHOTO CELL KIT*	Catalog No.	Description	Shipping Weight (Lbs.)
	SPH25-120	Automatic on-off switch at predetermined light levels. 120 volt only. REQUIRES FIELD INSTALLATION.	.19

* Not Suitable for hazardous locations.

HAZARDOUS LOCATION PHOTO CELL KIT	Catalog No.	Description	Shipping Weight (Lbs.)
	HLPC-120	Automatic on-off switch at predetermined light levels. (120 volt only) REQUIRES FIELD INSTALLATION.	.25
	HLPC-208-277		.25

Refer to Certification Guide to determine suitability of individual fixture.

GLASS REFRACTORS	Catalog No.	Description	Shipping Weight (Lbs.)
 Closed Bottom Glass Refractor. 12 in. dia. for use with 5-1/2 in. Globe Thread.	SRE22GL	IES Type II light distribution (asymmetrical)	11.0
	SRE23GL	IES Type III light distribution (asymmetrical)	
	SRE25GL	IES Type V light distribution (symmetrical)	
 Closed Bottom Glass Refractor. 12 in. dia. for use with 7-3/4 in. Globe Thread.	SRE42GL	IES Type II light distribution (asymmetrical)	11.0
	SRE43GL	IES Type III light distribution (asymmetrical)	
	SRE45GL	IES Type V light distribution (symmetrical)	
 Closed Bottom Threaded Glass Refractor. For use with 7-3/4 in. Globe Thread.	SRT21GL	IES Type I light distribution (asymmetrical)	6.6
	SRT23GL	IES Type III light distribution (asymmetrical)	
	SRT25GL	IES Type V light distribution (symmetrical)	

Fixtures with Refractors are not suitable to be ordered with reflectors.

SXPJ SERIES

- Class I, Division 1, Group C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Zone 1, Groups IIA & IIB
- Factory Sealed
- NEMA 4X, IP66
- UL 844 & UL 1598A
- CUL



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MARINE UL LISTED

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SXPJ SERIES

HID & Fluorescent Lighting for Hazardous and Hostile Locations



Available in five mounting styles: pendant, ceiling, 90° wall bracket, 25° stanchion mount and trunnion mount.

Wireless electromechanical connector block for quick, safe fixture removal and bench-top maintenance.

Ballast housing, outlet boxes and lens retaining rings are high strength corrosion resistant copper free (less than 0.4%) aluminum.

External fins, internal fins and strategic location of ballast and other components provide efficient heat dissapation for cooler operation and longer ballast life.

Exterior finish is baked-on powder epoxy for added corrosion protection.

Acme double lead threads are provided for quick & easy trouble-free maintenance.

Heat resistant, internally prismatic glass globe for optimal photometric performance.

Electro-Polished stainless steel wire guard.

- Factory sealed– external seals not necessary
- Fiberglass reinforced polymeric and aluminum reflectors are available as accessories

SXPJ Series

Explosion Proof • UL 844, &1598A • Marine Outside Type • Factory Sealed

Catalog Number Logic

SXPJ 15-S-04-GG-P-XX

(1) (2) (3) (4) (5) (6) (7)

(1) BASIC SERIES
Class I, Division 1, Groups C & D
Class II, Division 1, Groups E, F & G*
Class III
Class I, Zone 1, Groups IIA & IIB
Factory Sealed
UL1598, UL1598A, & UL844
CUL
NEMA Type 4X, IP66

(2) LAMP CURRENT/LAMP WATTAGE
26 = 26 Watt
32 = 32 Watt
42 = 42 Watt
50 = 50 Watt
52 = 52 Watt
64 = 64 Watt
07 = 70 Watt
84 = 84 Watt
10 = 100 Watt
15 = 150 Watt
17 = 175 Watt

(3) LAMP TYPE
H = Metal Halide (Medium Base)
(50, 70, 100, 150 & 175 Watt)
S = High Pressure Sodium (Medium Base)
(50, 70, 100 & 150 Watt)
F = Compact Fluorescent
(26, 32, 42, 52, 64 & 84 Watt)

(4) BALLAST VOLTAGE
04 = 120/208/240/277V 60HZ
22 = 220V/240V 50HZ
48 = 480V 60HZ
U = 120 thru 277V 50/60HZ
(compact fluorescent)

(5) GLOBE & GUARD
GG = Globe and Guard
G = Globe only

(6) MOUNTING STYLE
P = 3/4" Pendant Mount
P1 = 1" Pendant Mount
C = 3/4" Ceiling Mount
C1 = 1" Ceiling Mount
W = 3/4" Wall Mount
W1 = 1" Wall Mount
S = 1-1/4" Stanchion Mount
S1 = 1-1/2" Stanchion Mount
T = Trunnion Mount*

(7) OPTIONS[1]
FB1 = Single Fuse Block [2 3]
FB2 = Double Fuse Block [2 3]
EM = Emergency Battery Backup w/ AC Ballast (CFL Only)
EMO = Emergency Only Battery Backup w/o AC Ballast (CFL Only)
PS = Pulse Start (for 150 & 175W MH Lamps)
BP = Ballast Protector
SC = Safety Cable & Eye Bolt
EB = Eye Bolt Only

[1] Consult factory for pricing.
[2] Not available with multi-tap ballast unless voltage is specified. When installed, one fuse block is provided for 120,277V and two fuse blocks are provided for 208, 220, 240 & 480V. Fuse not included.
[3] Fuse option not available for marine listed fixtures.

* Trunnion mount not approved for use in Class II environments

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

HID• COMPACT FLUORESCENT

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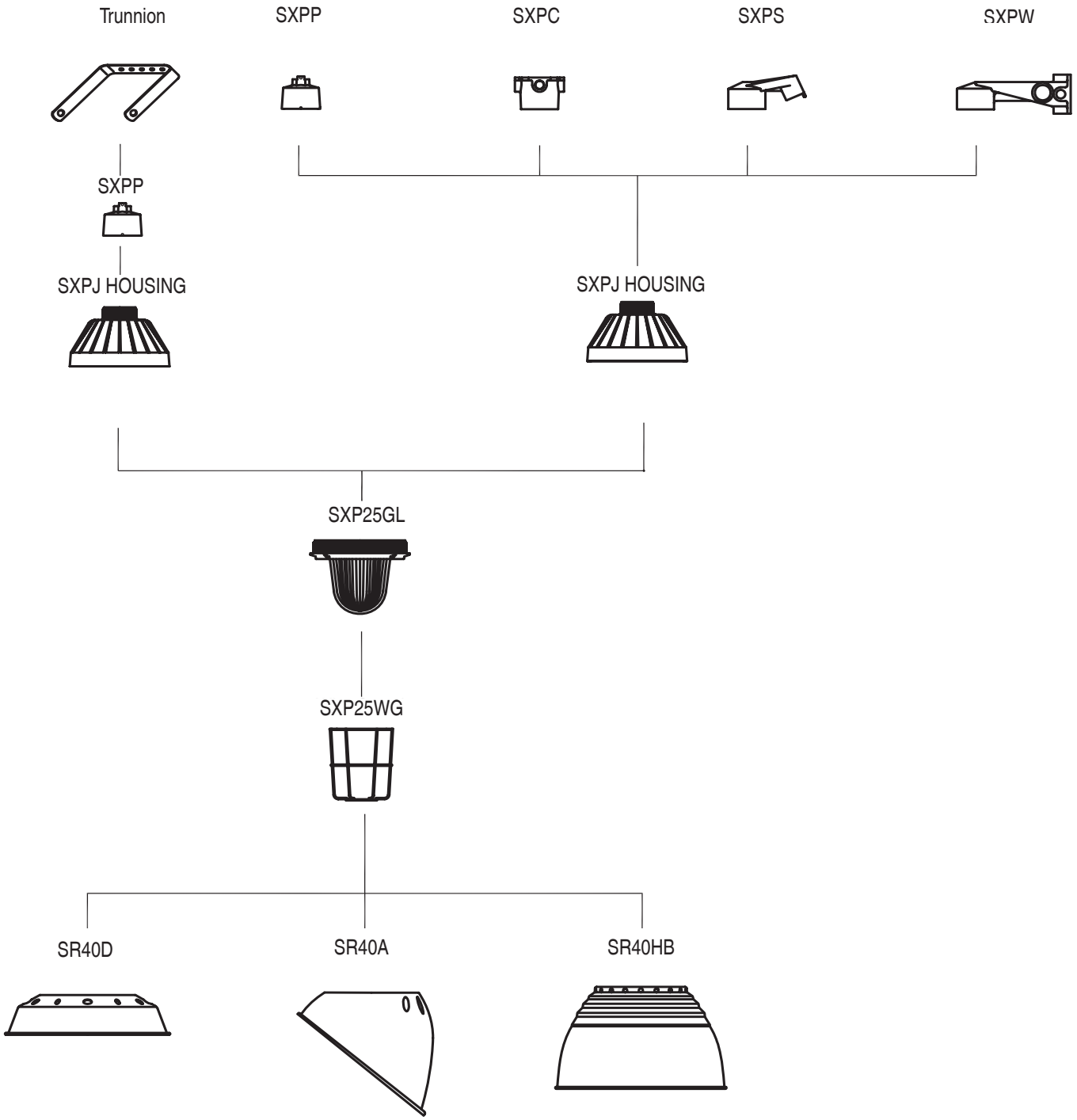
Certification Guide

MODEL	TYPE (*)	LAMP WATTS	MOUNT	AMBIENT TEMPERATURE °C	CLASS I DIVISION 1 GROUPS C & D	CLASS I ZONE 1 GROUPS IIA & IIB	CLASS II DIVISION 1 GROUPS E, F & G, CLASS III	SUPPLY WIRE SUITABLE TEMPERATURE °C	UL 1598A
SXPJ15S	HPS	150	P,C,W,S,T	40	T4	T4	--	90	YES
SXPJ15S	HPS	150	P,C,W,S,T	55	T4	T4	--	90	YES
SXPJ10S	HPS	100	P,C,W,S	40	T4A	T4	T4	90	YES
SXPJ10S	HPS	100	T	40	T4A	T4	--	90	YES
SXPJ10S	HPS	100	P,C,W,S,T	55	T4A	T4	--	90	YES
SXPJ10S	HPS	100	P,C,W,S,T	65	T4A	T4	--	90	YES
SXPJ07S	HPS	70	P,C,W,S	40	T5	T5	T4A	90	YES
SXPJ07S	HPS	70	T	40	T5	T5	--	90	YES
SXPJ07S	HPS	70	P,C,W,S,T	55	T5	T5	--	90	YES
SXPJ07S	HPS	70	P,C,W,S,T	65	T4A	T4	--	90	YES
SXPJ05S	HPS	50	P,C,W,S	40	T5	T5	T4A	90	YES
SXPJ05S	HPS	50	T	40	T5	T5	--	90	YES
SXPJ05S	HPS	50	P,C,W,S,T	55	T5	T5	--	90	YES
SXPJ05S	HPS	50	P,C,W,S,T	65	T4A	T4	--	90	YES
SXPJ17H	PSMH	175	P,C,W,S,T	40	T3C	T3	--	90	YES
SXPJ17H	PSMH	175	P,C,W,S,T	55	T3C	T3	--	90	YES
SXPJ15H	PSMH	150	P,C,W,S,T	40	T3C	T3	--	90	YES
SXPJ15H	PSMH	150	P,C,W,S,T	55	T3C	T3	--	90	YES
SXPJ10H	PSMH	100	P,C,W,S,T	40	T4A	T4	--	90	YES
SXPJ10H	PSMH	100	P,C,W,S,T	55	T4A	T4	--	90	YES
SXPJ10H	PSMH	100	P,C,W,S,T	65	T4	T4	--	90	YES
SXPJ07H	PSMH	70	P,C,W,S	40	T5	T5	T4A	90	YES
SXPJ07H	PSMH	70	T	40	T5	T5	--	90	YES
SXPJ07H	PSMH	70	P,C,W,S,T	55	T4A	T4	--	90	YES
SXPJ07H	PSMH	70	P,C,W,S,T	65	T4A	T4	--	90	YES
SXPJ05H	PSMH	50	P,C,W,S	40	T5	T5	T4A	90	YES
SXPJ05H	PSMH	50	T	40	T5	T5	--	90	YES
SXPJ05H	PSMH	50	P,C,W,S,T	55	T4A	T4	--	90	YES
SXPJ05H	PSMH	50	P,C,W,S,T	65	T4A	T4	--	90	YES
SXPJ03H	PSMH	39	P,C,W,S	40	T5	T5	T4A	90	YES
SXPJ03H	PSMH	39	T	40	T5	T5	--	90	YES
SXPJ03H	PSMH	39	P,C,W,S,T	55	T4A	T4	--	90	YES
SXPJ03H	PSMH	39	P,C,W,S,T	65	T4A	T4	--	90	YES
SXPJ26F	CFL	26	P,C,W	40	T6	T6	T6	90	YES
SXPJ26F	CFL	26	S	40	T5	T5	T5	90	YES
SXPJ26F	CFL	26	T	40	T5	T5	--	90	YES
SXPJ26F	CFL	26	P,C,W	55	T6	T6	--	90	YES
SXPJ26F	CFL	26	S,T	55	T5	T5	--	90	YES
SXPJ32F	CFL	32	P,C,W	40	T6	T6	T6	90	YES
SXPJ32F	CFL	32	S	40	T5	T5	T5	90	YES
SXPJ32F	CFL	32	T	40	T5	T5	--	90	YES
SXPJ32F	CFL	32	P,C,W	55	T6	T6	--	90	YES
SXPJ32F	CFL	32	S,T	55	T5	T5	--	90	YES
SXPJ42F	CFL	42	P,C,W	40	T6	T6	T6	90	YES
SXPJ42F	CFL	42	S	40	T5	T5	T5	90	YES
SXPJ42F	CFL	42	T	40	T5	T5	--	90	YES
SXPJ42F	CFL	42	P,C,W	55	T6	T6	--	90	YES
SXPJ42F	CFL	42	S,T	55	T5	T5	--	90	YES
SXPJ52F	CFL	52	P,C,W	40	T6	T6	T5	90	YES
SXPJ52F	CFL	52	S	40	T5	T5	T5	90	YES
SXPJ52F	CFL	52	T	40	T5	T5	--	90	YES
SXPJ64F	CFL	64	P,C,W	40	T6	T6	T5	90	YES
SXPJ64F	CFL	64	S	40	T5	T5	T5	90	YES
SXPJ64F	CFL	64	T	40	T5	T5	--	90	YES
SXPJ84F	CFL	84	P,C,W	40	T6	T6	T5	90	YES
SXPJ84F	CFL	84	S	40	T5	T5	T5	90	YES
SXPJ84F	CFL	84	T	40	T5	T5	--	90	YES

(*) Medium base

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High Pressure Sodium with Guard 50-150 Watts

(Lamps not included)

Mounting Style	ANSI Lamp Watts	Conduit Lamp Type	Size (In.)	CATALOG NUMBER 120/208/240/277V	CATALOG NUMBER 480V 60 HZ	CATALOG NUMBER 220/240V 50 HZ	Shipping Weight (Lbs.)
PENDANT 	50	S68	3/4	SXPJ05-S-04-GG-P	SXPJ05-S-48-GG-P	SXPJ05-S-22-GG-P	34.5
	50	S68	1	SXPJ05-S-04-GG-P1	SXPJ05-S-48-GG-P1	SXPJ05-S-22-GG-P1	34.5
	70	S62	3/4	SXPJ07-S-04-GG-P	SXPJ07-S-48-GG-P	SXPJ07-S-22-GG-P	34.5
	70	S62	1	SXPJ07-S-04-GG-P1	SXPJ07-S-48-GG-P1	SXPJ07-S-22-GG-P1	34.5
	100	S54	3/4	SXPJ10-S-04-GG-P	SXPJ10-S-48-GG-P	SXPJ10-S-22-GG-P	37
	100	S54	1	SXPJ10-S-04-GG-P1	SXPJ10-S-48-GG-P1	SXPJ10-S-22-GG-P1	37
	150	S55	3/4	SXPJ15-S-04-GG-P	SXPJ15-S-48-GG-P	SXPJ15-S-22-GG-P	37
	150	S55	1	SXPJ15-S-04-GG-P1	SXPJ15-S-48-GG-P1	SXPJ15-S-22-GG-P1	37
CEILING 	50	S68	3/4	SXPJ05-S-04-GG-C	SXPJ05-S-48-GG-C	SXPJ05-S-22-GG-C	36.5
	50	S68	1	SXPJ05-S-04-GG-C1	SXPJ05-S-48-GG-C1	SXPJ05-S-22-GG-C1	36.5
	70	S62	3/4	SXPJ07-S-04-GG-C	SXPJ07-S-48-GG-C	SXPJ07-S-22-GG-C	36.5
	70	S62	1	SXPJ07-S-04-GG-C1	SXPJ07-S-48-GG-C1	SXPJ07-S-22-GG-C1	36.5
	100	S54	3/4	SXPJ10-S-04-GG-C	SXPJ10-S-48-GG-C	SXPJ10-S-22-GG-C	39
	100	S54	1	SXPJ10-S-04-GG-C1	SXPJ10-S-48-GG-C1	SXPJ10-S-22-GG-C1	39
	150	S55	3/4	SXPJ15-S-04-GG-C	SXPJ15-S-48-GG-C	SXPJ15-S-22-GG-C	39
	150	S55	1	SXPJ15-S-04-GG-C1	SXPJ15-S-48-GG-C1	SXPJ15-S-22-GG-C1	39
WALL 	50	S68	3/4	SXPJ05-S-04-GG-W	SXPJ05-S-48-GG-W	SXPJ05-S-22-GG-W	38.5
	50	S68	1	SXPJ05-S-04-GG-W1	SXPJ05-S-48-GG-W1	SXPJ05-S-22-GG-W1	38.5
	70	S62	3/4	SXPJ07-S-04-GG-W	SXPJ07-S-48-GG-W	SXPJ07-S-22-GG-W	38.5
	70	S62	1	SXPJ07-S-04-GG-W1	SXPJ07-S-48-GG-W1	SXPJ07-S-22-GG-W1	38.5
	100	S54	3/4	SXPJ10-S-04-GG-W	SXPJ10-S-48-GG-W	SXPJ10-S-22-GG-W	41
	100	S54	1	SXPJ10-S-04-GG-W1	SXPJ10-S-48-GG-W1	SXPJ10-S-22-GG-W1	41
	150	S55	3/4	SXPJ15-S-04-GG-W	SXPJ15-S-48-GG-W	SXPJ15-S-22-GG-W	41
	150	S55	1	SXPJ15-S-04-GG-W1	SXPJ15-S-48-GG-W1	SXPJ15-S-22-GG-W1	41
STANCHION ★ 	50	S68	1-1/4	SXPJ05-S-04-GG-S	SXPJ05-S-48-GG-S	SXPJ05-S-22-GG-S	35.5
	50	S68	1-1/2	SXPJ05-S-04-GG-S1	SXPJ05-S-48-GG-S1	SXPJ05-S-22-GG-S1	35.5
	70	S62	1-1/4	SXPJ07-S-04-GG-S	SXPJ07-S-48-GG-S	SXPJ07-S-22-GG-S	35.5
	70	S62	1-1/2	SXPJ07-S-04-GG-S1	SXPJ07-S-48-GG-S1	SXPJ07-S-22-GG-S1	35.5
	100	S54	1-1/4	SXPJ10-S-04-GG-S	SXPJ10-S-48-GG-S	SXPJ10-S-22-GG-S	38
	100	S54	1-1/2	SXPJ10-S-04-GG-S1	SXPJ10-S-48-GG-S1	SXPJ10-S-22-GG-S1	38
	150	S55	1-1/4	SXPJ15-S-04-GG-S	SXPJ15-S-48-GG-S	SXPJ15-S-22-GG-S	38
	150	S55	1-1/2	SXPJ15-S-04-GG-S1	SXPJ15-S-48-GG-S1	SXPJ15-S-22-GG-S1	38
TRUNNION ★ 	50	S68	3/4	SXPJ05-S-04-GG-T	SXPJ05-S-48-GG-T	SXPJ05-S-22-GG-T	37.5
	70	S62	3/4	SXPJ07-S-04-GG-T	SXPJ07-S-48-GG-T	SXPJ07-S-22-GG-T	37.5
	100	S54	3/4	SXPJ10-S-04-GG-T	SXPJ10-S-48-GG-T	SXPJ10-S-22-GG-T	40
	150	S55	3/4	SXPJ15-S-04-GG-T	SXPJ15-S-48-GG-T	SXPJ15-S-22-GG-T	40

★ Refer to Certification Guide to determine suitability of individual fixture.

HID • COMPACT FLUORESCENT

SXPJ Series

Explosion Proof • UL 844, &1598A • Marine Outside Type • Factory Sealed

Metal Halide with Guard 50-175 Watts

(Lamps not included)

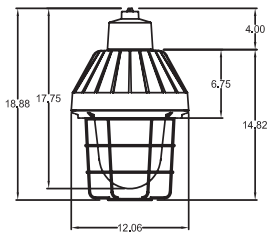
Mounting Style	ANSI Lamp Watts	Conduit Lamp Type	Size (In.)	CATALOG NUMBER 120/208/240/277V	480V 60 HZ	220/240V 50 HZ	Shipping Weight (Lbs.)
PENDANT 	50	M110	3/4	SXPJ05-H-04-GG-P	SXPJ05-H-48-GG-P	SXPJ05-H-22-GG-P	34.5
	50	M110	1	SXPJ05-H-04-GG-P1	SXPJ05-H-48-GG-P1	SXPJ05-H-22-GG-P1	34.5
	70	M98	3/4	SXPJ07-H-04-GG-P	SXPJ07-H-48-GG-P	SXPJ07-H-22-GG-P	34.5
	70	M98	1	SXPJ07-H-04-GG-P1	SXPJ07-H-48-GG-P1	SXPJ07-H-22-GG-P1	34.5
	100	M90	3/4	SXPJ10-H-04-GG-P	SXPJ10-H-48-GG-P	SXPJ10-H-22-GG-P	37
	100	M90	1	SXPJ10-H-04-GG-P1	SXPJ10-H-48-GG-P1	SXPJ10-H-22-GG-P1	37
	150	M102	3/4	SXPJ15-H-04-GG-P	SXPJ15-H-48-GG-P	SXPJ15-H-22-GG-P	37
	150	M102	1	SXPJ15-H-04-GG-P1	SXPJ15-H-48-GG-P1	SXPJ15-H-22-GG-P1	37
	175	M137/M152	3/4	SXPJ17-H-04-GG-P	SXPJ17-H-48-GG-P	SXPJ17-H-22-GG-P	41
	175	M137/M152	1	SXPJ17-H-04-GG-P1	SXPJ17-H-48-GG-P1	SXPJ17-H-22-GG-P1	41
CEILING 	50	M110	3/4	SXPJ05-H-04-GG-C	SXPJ05-H-48-GG-C	SXPJ05-H-22-GG-C	36.5
	50	M110	1	SXPJ05-H-04-GG-C1	SXPJ05-H-48-GG-C1	SXPJ05-H-22-GG-C1	36.5
	70	M98	3/4	SXPJ07-H-04-GG-C	SXPJ07-H-48-GG-C	SXPJ07-H-22-GG-C	36.5
	70	M98	1	SXPJ07-H-04-GG-C1	SXPJ07-H-48-GG-C1	SXPJ07-H-22-GG-C1	36.5
	100	M90	3/4	SXPJ10-H-04-GG-C	SXPJ10-H-48-GG-C	SXPJ10-H-22-GG-C	39
	100	M90	1	SXPJ10-H-04-GG-C1	SXPJ10-H-48-GG-C1	SXPJ10-H-22-GG-C1	39
	150	M102	3/4	SXPJ15-H-04-GG-C	SXPJ15-H-48-GG-C	SXPJ15-H-22-GG-C	39
	150	M102	1	SXPJ15-H-04-GG-C1	SXPJ15-H-48-GG-C1	SXPJ15-H-22-GG-C1	39
	175	M137/M152	3/4	SXPJ17-H-04-GG-C	SXPJ17-H-48-GG-C	SXPJ17-H-22-GG-C	43
	175	M137/M152	1	SXPJ17-H-04-GG-C1	SXPJ17-H-48-GG-C1	SXPJ17-H-22-GG-C1	43
WALL 	50	M110	3/4	SXPJ05-H-04-GG-W	SXPJ05-H-48-GG-W	SXPJ05-H-22-GG-W	38.5
	50	M110	1	SXPJ05-H-04-GG-W1	SXPJ05-H-48-GG-W1	SXPJ05-H-22-GG-W1	38.5
	70	M98	3/4	SXPJ07-H-04-GG-W	SXPJ07-H-48-GG-W	SXPJ07-H-22-GG-W	38.5
	70	M98	1	SXPJ07-H-04-GG-W1	SXPJ07-H-48-GG-W1	SXPJ07-H-22-GG-W1	38.5
	100	M90	3/4	SXPJ10-H-04-GG-W	SXPJ10-H-48-GG-W	SXPJ10-H-22-GG-W	41
	100	M90	1	SXPJ10-H-04-GG-W1	SXPJ10-H-48-GG-W1	SXPJ10-H-22-GG-W1	41
	150	M102	3/4	SXPJ15-H-04-GG-W	SXPJ15-H-48-GG-W	SXPJ15-H-22-GG-W	41
	150	M102	1	SXPJ15-H-04-GG-W1	SXPJ15-H-48-GG-W1	SXPJ15-H-22-GG-W1	41
	175	M137/M152	3/4	SXPJ17-H-04-GG-W	SXPJ17-H-48-GG-W	SXPJ17-H-22-GG-W	45
	175	M137/M152	1	SXPJ17-H-04-GG-W1	SXPJ17-H-48-GG-W1	SXPJ17-H-22-GG-W1	45
STANCHION ★ 	50	M110	1-1/4	SXPJ05-H-04-GG-S	SXPJ05-H-48-GG-S	SXPJ05-H-22-GG-S	35.5
	50	M110	1-1/2	SXPJ05-H-04-GG-S1	SXPJ05-H-48-GG-S1	SXPJ05-H-22-GG-S1	35.5
	70	M98	1-1/4	SXPJ07-H-04-GG-S	SXPJ07-H-48-GG-S	SXPJ07-H-22-GG-S	35.5
	70	M98	1-1/2	SXPJ07-H-04-GG-S1	SXPJ07-H-48-GG-S1	SXPJ07-H-22-GG-S1	35.5
	100	M90	1-1/4	SXPJ10-H-04-GG-S	SXPJ10-H-48-GG-S	SXPJ10-H-22-GG-S	38
	100	M90	1-1/2	SXPJ10-H-04-GG-S1	SXPJ10HS-48-GG-S1	SXPJ10-H-22-GG-S1	38
	150	M102	1-1/4	SXPJ15-H-04-GG-S	SXPJ15-H-48-GG-S	SXPJ15-H-22-GG-S	38
	150	M102	1-1/2	SXPJ15-H-04-GG-S1	SXPJ15-H-48-GG-S1	SXPJ15-H-22-GG-S1	38
	175	M137/M152	1-1/4	SXPJ17-H-04-GG-S	SXPJ17-H-48-GG-S	SXPJ17-H-22-GG-S	42
	175	M137/M152	1-1/2	SXPJ17-H-04-GG-S1	SXPJ17-H-48-GG-S1	SXPJ17-H-22-GG-S1	42
TRUNNION ★ 	50	M110	3/4	SXPJ05-H-04-GG-T	SXPJ05-H-48-GG-T	SXPJ05-H-22-GG-T	37.5
	70	M98	3/4	SXPJ07-H-04-GG-T	SXPJ07-H-48-GG-T	SXPJ07-H-22-GG-T	37.5
	100	M90	3/4	SXPJ10-H-04-GG-T	SXPJ10-H-48-GG-T	SXPJ10-H-22-GG-T	40
	150	M102	3/4	SXPJ15-H-04-GG-T	SXPJ15-H-48-GG-T	SXPJ15-H-22-GG-T	40
	175	M137/M152	3/4	SXPJ17-H-04-GG-T	SXPJ17-H-48-GG-T	SXPJ17-H-22-GG-T	42

★ Refer to Certification Guide to determine suitability of individual fixture.

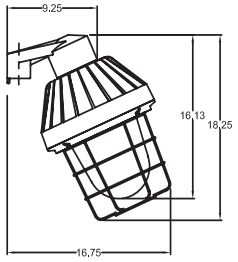
SXPJ Series

Explosion Proof • UL 844 & 1598A • Marine Outside Type • Factory Sealed

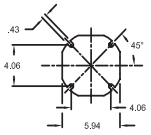
SXPJ Fixture Dimensions (inches)

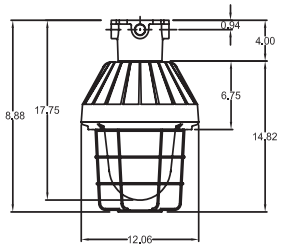


PENDANT MOUNT

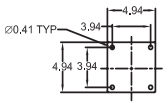


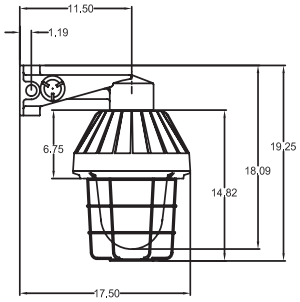
STANCHION MOUNT



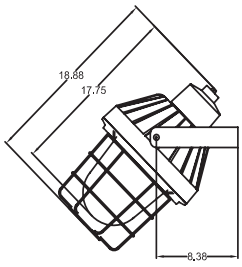


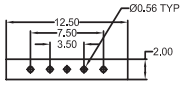
CEILING MOUNT





WALL MOUNT

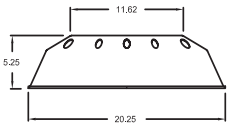




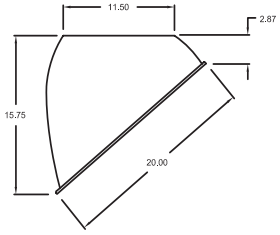
TRUNNION MOUNT

REFLECTORS

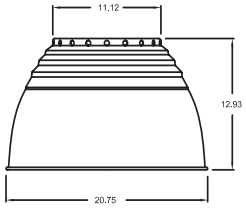
STANDARD DOME



ANGLE



DEEP DOME



SXPJ Series

Explosion Proof • UL 844, &1598A • Marine Outside Type • Factory Sealed

Coefficients of Utilization

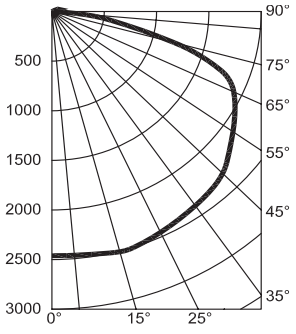
SXPJ17-HD-XX

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.92	.92	.92	.86	.86	.86	.78	.78	.78
1	.79	.75	.71	.73	.70	.67	.66	.65	.63
2	.67	.61	.56	.62	.57	.53	.57	.53	.50
3	.57	.50	.45	.53	.48	.43	.49	.45	.41
4	.50	.42	.37	.47	.40	.36	.43	.38	.34
5	.44	.36	.31	.41	.35	.30	.38	.33	.29
6	.39	.32	.26	.37	.30	.26	.34	.29	.25
7	.35	.28	.23	.33	.27	.22	.31	.26	.22
8	.32	.25	.20	.30	.24	.20	.28	.23	.19
9	.29	.22	.18	.28	.22	.18	.26	.21	.17
10	.27	.20	.16	.25	.20	.16	.24	.19	.15

Candlepower Distribution

Deg.	Parl.
5	2466
15	2507
25	2456
35	2389
45	2307
55	2112
65	1917
75	1210
85	251
90	56

Photometric Data



SXPJ Series

Explosion Proof • UL 844 & 1598A • Marine Outside Type • Factory Sealed

Compact Fluorescent with Guard 26, 32 & 42 Watts

(Lamps included)

Mounting Style	Lamp Watts	Lamp Base	Conduit Size (In.)	120 thru 277V 50/60 HZ Emergency & Normal	120 thru 277V 50/60 HZ Emergency Only	Shipping Weight (Lbs.)
PENDANT 	26	GX24Q-3	3/4	SXPJ26-F-U-GG-P-EM	SXPJ26-F-U-GG-P-EMO	38.5
	26	GX24Q-3	1	SXPJ26-F-U-GG-P1-EM	SXPJ26-F-U-GG-P1-EMO	38.5
	32	GX24Q-3	3/4	SXPJ32-F-U-GG-P-EM	SXPJ32-F-U-GG-P-EMO	38.5
	32	GX24Q-3	1	SXPJ32-F-U-GG-P1-EM	SXPJ32-F-U-GG-P1-EMO	38.5
	42	GX24Q-4	3/4	SXPJ42-F-U-GG-P-EM	SXPJ42-F-U-GG-P-EMO	38.5
	42	GX24Q-4	1	SXPJ42-F-U-GG-P1-EM	SXPJ42-F-U-GG-P1-EMO	38.5
CEILING 	26	GX24Q-3	3/4	SXPJ26-F-U-GG-C-EM	SXPJ26-F-U-GG-C-EMO	40.5
	26	GX24Q-3	1	SXPJ26-F-U-GG-C1-EM	SXPJ26-F-U-GG-C1-EMO	40.5
	32	GX24Q-3	3/4	SXPJ32-F-U-GG-C-EM	SXPJ32-F-U-GG-C-EMO	40.5
	32	GX24Q-3	1	SXPJ32-F-U-GG-C1-EM	SXPJ32-F-U-GG-C1-EMO	40.5
	42	GX24Q-4	3/4	SXPJ42-F-U-GG-C-EM	SXPJ42-F-U-GG-C-EMO	40.5
	42	GX24Q-4	1	SXPJ42-F-U-GG-C1-EM	SXPJ42-F-U-GG-C1-EMO	40.5
WALL 	26	GX24Q-3	3/4	SXPJ26-F-U-GG-W-EM	SXPJ26-F-U-GG-W-EMO	42.5
	26	GX24Q-3	1	SXPJ26-F-U-GG-W1-EM	SXPJ26-F-U-GG-W1-EMO	42.5
	32	GX24Q-3	3/4	SXPJ32-F-U-GG-W-EM	SXPJ32-F-U-GG-W-EMO	42.5
	32	GX24Q-3	1	SXPJ32-F-U-GG-W1-EM	SXPJ32-F-U-GG-W1-EMO	42.5
	42	GX24Q-4	3/4	SXPJ42-F-U-GG-W-EM	SXPJ42-F-U-GG-W-EMO	42.5
	42	GX24Q-4	1	SXPJ42-F-U-GG-W1-EM	SXPJ42-F-U-GG-W1-EMO	42.5
STANCHION ★ 	26	GX24Q-3	1-1/4	SXPJ26-F-U-GG-S-EM	SXPJ26-F-U-GG-S-EMO	39.5
	26	GX24Q-3	1-1/2	SXPJ26-F-U-GG-S1-EM	SXPJ26-F-U-GG-S1-EMO	39.5
	32	GX24Q-3	1-1/4	SXPJ32-F-U-GG-S-EM	SXPJ32-F-U-GG-S-EMO	39.5
	32	GX24Q-3	1-1/2	SXPJ32-F-U-GG-S1-EM	SXPJ32-F-U-GG-S1-EMO	39.5
	42	GXQ24-4	1-1/4	SXPJ42-F-U-GG-S-EM	SXPJ42-F-U-GG-S-EMO	39.5
	42	GXQ24-4	1-1/2	SXPJ42-F-U-GG-S1-EM	SXPJ42-F-U-GG-S1-EMO	39.5
TRUNNION ★ 	26	GX24Q-3	3/4	SXPJ26-F-U-GG-T-EM	SXPJ26-F-U-GG-T-EMO	41.5
	32	GX24Q-3	3/4	SXPJ32-F-U-GG-T-EM	SXPJ32-F-U-GG-T-EMO	41.5
	42	GX24Q-4	3/4	SXPJ42-F-U-GG-T-EM	SXPJ42-F-U-GG-T-EMO	41.5

★ Refer to Certification Guide to determine suitability of individual fixture.

SXPJ Series

Explosion Proof • UL 844, &1598A • Marine Outside Type • Factory Sealed

Compact Fluorescent with Guard 52, 64 & 84 Watts

(Lamps included)

Mounting Style	Lamp Watts	Lamp Base	Conduit Size (In.)	120 thru 277V 50/60 HZ		Shipping Weight (Lbs.)
				Emergency & Normal	Emergency Only	
PENDANT 	52	GX24Q-3	3/4	SXPJ52-F-U-GG-P-EM	SXPJ52-F-U-GG-P-EMO	38.5
	52	GX24Q-3	1	SXPJ52-F-U-GG-P1-EM	SXPJ52-F-U-GG-P1-EMO	38.5
	64	GX24Q-3	3/4	SXPJ64-F-U-GG-P-EM		38.5
	64	GX24Q-3	1	SXPJ64-F-U-GG-P1-EM		38.5
	84	GX24Q-4	3/4	SXPJ84-F-U-GG-P-EM		38.5
	84	GX24Q-4	1	SXPJ84-F-U-GG-P1-EM		38.5
CEILING 	52	GX24Q-3	3/4	SXPJ52-F-U-GG-C-EM	SXPJ52-F-U-GG-C-EMO	40.5
	52	GX24Q-3	1	SXPJ52-F-U-GG-C1-EM	SXPJ52-F-U-GG-C1-EMO	40.5
	64	GX24Q-3	3/4	SXPJ64-F-U-GG-C-EM		40.5
	64	GX24Q-3	1	SXPJ64-F-U-GG-C1-EM		40.5
	84	GX24Q-4	3/4	SXPJ84-F-U-GG-C-EM		40.5
	84	GX24Q-4	1	SXPJ84-F-U-GG-C1-EM		40.5
WALL 	52	GX24Q-3	3/4	SXPJ52-F-U-GG-W-EM	SXPJ52-F-U-GG-W-EMO	42.5
	52	GX24Q-3	1	SXPJ52-F-U-GG-W1-EM	SXPJ52-F-U-GG-W1-EMO	42.5
	64	GX24Q-3	3/4	SXPJ64-F-U-GG-W-EM		42.5
	64	GX24Q-3	1	SXPJ64-F-U-GG-W1-EM		42.5
	84	GX24Q-4	3/4	SXPJ84-F-U-GG-W-EM		42.5
	84	GX24Q-4	1	SXPJ84-F-U-GG-W1-EM		42.5
STANCHION ★ 	52	GX24Q-3	1-1/4	SXPJ52-F-U-GG-S-EM	SXPJ52-F-U-GG-S-EMO	39.5
	52	GX24Q-3	1-1/2	SXPJ52-F-U-GG-S1-EM	SXPJ52-F-U-GG-S1-EMO	39.5
	64	GX24Q-3	1-1/4	SXPJ64-F-U-GG-S-EM		39.5
	64	GX24Q-3	1-1/2	SXPJ64-F-U-GG-S1-EM		39.5
	42	GXQ24-4	1-1/4	SXPJ84-F-U-GG-S-EM		39.5
	42	GXQ24-4	1-1/2	SXPJ84-F-U-GG-S1-EM		39.5
TRUNNION ★ 	26	GX24Q-3	3/4	SXPJ52-F-U-GG-T-EM	SXPJ52-F-U-GG-T-EMO	41.5
	32	GX24Q-3	3/4	SXPJ64-F-U-GG-T-EM		41.5
	42	GX24Q-4	3/4	SXPJ84-F-U-GG-T-EM		41.5

★ Refer to Certification Guide to determine suitability of individual fixture.

SXPJ Series

Explosion Proof • UL 844 & 1598A • Marine Outside Type • Factory Sealed

Components and Accessories

Outlet Boxes	Description	Hub Size (In.)	Catalog Number	Shipping Weight (Lbs.)
	Pendant	3/4 1	SXPP SXPP1	2.15 2.15
	Ceiling	3/4 1	SXPC SXPC1	4.0 4.0
	Wall	3/4 1	SXPW SXPW1	6.20 6.20
	Stanchion	1-1/4 1-1/2	SXPS SXPS1	3.20 3.20

Globes and Guards	Description	Catalog Number	Shipping Weight (Lbs.)
	Prismatic Glass Globe Assembly for 70-150W HPS, 175-250W MH & LED	SXP25GL	6.50
	Stainless Steel Wire Guard for 70-150W HPS, 175-250W MH & LED	SXP25WG	1.50

Reflectors	Description	Catalog Number	Shipping Weight (Lbs.)
	Standard Dome Reflector Fiberglass Filled Polymeric	SR40D	3.00
	30° Angle Reflector Fiberglass Filled Polymeric	SR40A	4.50
	High Bay Aluminum Reflector with Baked on White Enamel	SR40HB	5.00

Connector Blocks And Sockets	Description	Catalog Number	Shipping Weight (Lbs.)
	Replacement Female Connector Block (for outlet boxes 50-400 W)	26641	1.00
	Replacement Socket 50-175 W Medium Base	70060	1.50

HID • COMPACT FLUORESCENT

SXPJ Floodlight Series

Explosion Proof • UL 844, &1598A • Marine Outside Type • Factory Sealed

Catalog Number Logic

SXPJ-15-S-04-GG-T-XX

1 2 3 4 5 6 7

1 BASIC SERIES
Class I, Division 1, Groups C & D
Class II, Division 1, Groups E, F & G*
Class III
Class I, Zone 1, Groups IIA & IIB
Factory Sealed
UL 1598, UL1598A, & UL 844
CUL
NEMA Type 4X, IP66

2 LAMP CURRENT/LAMP WATTAGE
26 = 26 Watt
32 = 32 Watt
42 = 42 Watt
52 = 52 Watt
64 = 64 Watt
84 = 84 Watt
05 = 50 Watt
07 = 70 Watt
10 = 100 Watt
15 = 150 Watt
17 = 175 Watt

3 LAMP TYPE
H = Metal Halide (Medium Base)
(50, 70, 100, 150 & 175 Watt)
S = High Pressure Sodium (Medium Base)
(50, 70, 100 & 150 Watt)
F = Compact Fluorescent
(26, 32, 42, 52, 64 & 84 Watt)

4 BALLAST VOLTAGE
04 = 120/208/240/277V 60 HZ
22 = 220V/240V 50 HZ
48 = 480V 60 HZ
U = 120 thru 277V 50/60 HZ
(compact fluorescent)

5 GLOBE & GUARD
GG = Globe and Guard
G = Globe only

6 MOUNTING STYLE
T = Trunnion Mount*

7 OPTIONS[1]
FB1 = Single Fuse Block [2 3]
FB2 = Double Fuse Block [2 3]
EM = Emergency Battery Backup
w/ AC Ballast (CFL Only)
EMO = Emergency Only Battery
Backup w/o AC Ballast
(CFL Only)
PS = Pulse Start (for 150 & 175W MH Lamps)
BP = Ballast Protector
SC = Safety Cable & Eye Bolt
EB = Eye Bolt Only

[1] Consult factory for pricing.
[2] Not available with multi-tap ballast unless voltage is specified. When installed, one fuse block is provided for 120,277V and two fuse blocks are provided for 208, 220, 240 & 480V. Fuse provided
[3] Fuse option not available for marine listed fixtures.

* Trunnion mount not approved for use in Class II environments

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

SXPJ Floodlight Series

Explosion Proof • UL 844 & 1598A • Marine Outside Type • Factory Sealed

Certification Guide

MODEL	TYPE (*)	LAMP WATTS	MOUNT	AMBIENT TEMPERATURE °C	CLASS I DIVISION 1 GROUPS C & D	SUPPLY WIRE SUITABLE TEMPERATURE °C	UL 1598A
SXP40S	HPS	400	T	40	T3A	90	YES
SXP25S	HPS	250	T	40	T3C	90	YES
SXP25S	HPS	250	T	55	T3C	90	YES
SXP15S	HPS	150	T	40	T4	90	YES
SXP15S	HPS	150	T	55	T4	90	YES
SXP15S	HPS	150	T	65	T3C	90	YES
SXP10S	HPS	100	T	40	T4A	90	YES
SXP10S	HPS	100	T	55	T4A	90	YES
SXP10S	HPS	100	T	65	T4	90	YES
SXP07S	HPS	70	T	40	T4A	90	YES
SXP07S	HPS	70	T	55	T4A	90	YES
SXP07S	HPS	70	T	65	T4	90	YES
SXP40H	PSMH	400	T	40	T3A	90	YES
SXP35H	PSMH	350	T	40	T3A	90	YES
SXP32H	PSMH	320	T	40	T3A	90	YES
SXP25H	PSMH	250	T	40	T3C	90	YES
SXP25H	PSMH	250	T	55	T3A	90	YES
SXP17H	PSMH	175	T	40	T4	90	YES
SXP17H	PSMH	175	T	55	T3C	90	YES
SXP17H	PSMH	175	T	65	T3C	90	YES
SXP15H	PSMH	150	T	40	T4	90	YES
SXP15H	PSMH	150	T	55	T3C	90	YES
SXP15H	PSMH	150	T	65	T3C	90	YES

(*) Mogul Base

HID • COMPACT FLUORESCENT

SXPJ Floodlight Series

Explosion Proof • UL 844, &1598A • Marine Outside Type • Factory Sealed

(Lamps included)

Lamp Type	Lamp Watts	ANSI Lamp Type	Conduit Size (In.)	CATALOG NUMBER			Shipping Weight (Lbs.)
				120/208/240/277	480V 60 HZ	220V 50 HZ	
HIGH PRESSURE SODIUM 	50	S68	3/4	**SXPJ50-S-04-GG-T**	**SXPJ07-S-48-GG-T**	**SXPJ07-S-22-GG-T**	37.5
	70	S62	3/4	**SXPJ07-S-04-GG-T**	**SXPJ10-S-48-GG-T**	**SXPJ10-S-22-GG-T**	37.5
	100	S54	3/4	**SXPJ10-S-04-GG-T**	**SXPJ15-S-48-GG-T**	**SXPJ15-S-22-GG-T**	40
	150	S55	3/4	**SXPJ15-S-04-GG-T**	**SXPJ25-S-48-GG-T**	**SXPJ25-S-22-GG-T**	40
METAL HALIDE 	50	M110	3/4	**SXPJ50-H-04-GG-T**	**SXPJ50-H-48-GG-T-PS**	**SXPJ50-H-22-GG-T-PS**	37.5
	70	M98	3/4	**SXPJ07-H-04-GG-T**	**SXPJ07-H-48-GG-T-PS**	**SXPJ07-H-22-GG-T-PS**	37.5
	100	M90	3/4	**SXPJ10-H-04-GG-TPS**	**SXPJ10-H-48-GG-T-PS**	**SXPJ10-H-22-GG-T-PS**	40
	150	M102	3/4	**SXPJ15-H-04-GG-TPS**	**SXPJ15-H-48-GG-T-PS**	**SXPJ15-H-22-GG-T-PS**	40
	175	M152	3/4	**SXPJ17-H-04-GG-TPS**	**SXPJ17-H-48-GG-T-PS**	**SXPJ17-H-22-GG-T-PS**	43.5
FLUORESCENT 	26	GX24Q3	3/4	**SXPJ26-F-U-GG-T**			41.5
	32	GX24Q3	3/4	**SXPJ32-F-U-GG-T**			41.5
	42	GX24Q4	3/4	**SXPJ42-F-U-GG-T**			41.5
	52	GX24Q3	3/4	**SXPJ52-F-U-GG-T**			41.5
	64	GX24Q3	3/4	**SXPJ64-F-U-GG-T**			41.5
	84	GX24Q4	3/4	**SXPJ84-F-U-GG-T**			41.5

SXPJ Floodlight Series

Explosion Proof • UL 844 & 1598A • Marine Outside Type • Factory Sealed

Components and Accessories

Outlet Boxes	Description	Hub Size (In.)	Catalog Number	Shipping Weight (Lbs.)
	Pendant	3/4 1	SXPP SXPP1	2.15 2.15

Reflectors	Description	Catalog Number	Shipping Weight (Lbs.)
	Standard Dome Reflector Fiberglass Filled Polymeric	SR40D	3.00
	30° Angle Reflector Fiberglass Filled Polymeric	SR40A	4.50
	High Bay Aluminum Reflector with Baked on White Enamel	SR40HB	5.00

Globes and Guards	Description	Catalog Number	Shipping Weight (Lbs.)
	Prismatic Glass Globe Assembly for 70-150W HPS, 175-250W MH & LED	SXP25GL	6.50
	Stainless Steel Wire Guard for 70-150W HPS, 175-250W MH & LED	SXP25WG	1.50

Connector Blocks And Sockets	Description	Catalog Number	Shipping Weight (Lbs.)
	Replacement Female Connector Block (for outlet boxes 50-400W)	26641	1.00
	Replacement Socket 50-175W Medium Base	70060	1.50

CVP SERIES

Non-Metallic Lighting for Hazardous and Severe Environments

- Class I, Division 2, Groups A, B, C & D
- Zone 2, Group IIA, IIB, IIC
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- CUL



c UL us LISTED

MARINE UL LISTED

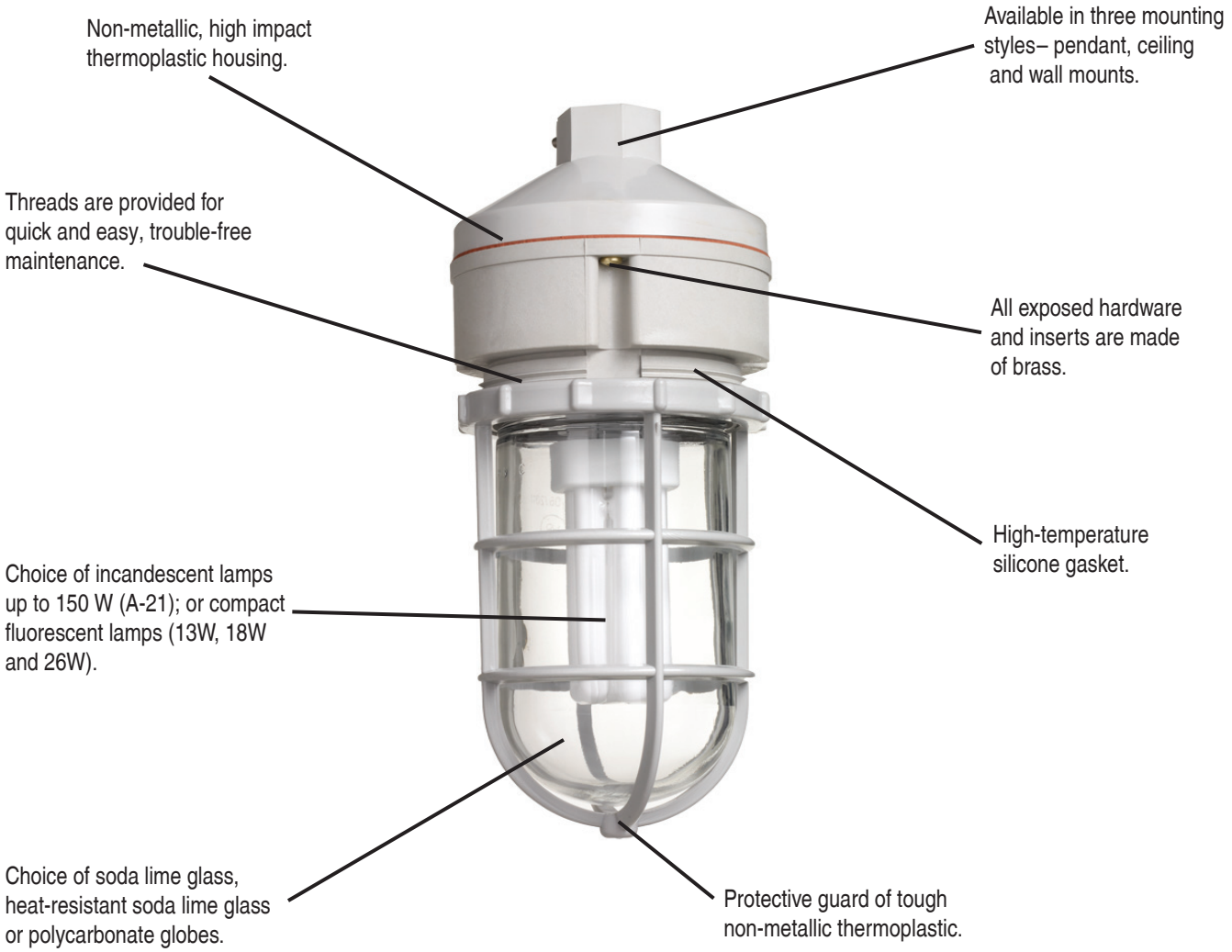
AZZ™

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CVP SERIES

Non-Metallic Lighting for Hazardous and Severe Environments

Designed to meet the rugged demands of highly corrosive industrial applications, the CVP Series is non-metallic, vapor-tight and rated for Class I, Division 2 hazardous areas. Its rugged construction precludes contamination by dirt, moisture and chemicals and is suitable for indoor and outdoor applications.



- Molded-in, non-fading gray finish (standard) or black or white available as an option.

CVP Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A • Wet Locations • CUL

Catalog Number Logic

CVP 15-I-24-HR-G-C-XX

(1) (2) (3) (4) (5) (6) (7)

(1) BASIC SERIES

CVP Non-Metallic Series
(i)* CVPH = Class I, Division 2, Groups A, B, C & D
UL 844 Hazardous Locations
UL 1598A Marine Outside Type
NEMA 3, 4 & 4X
(ii)* CVP = Marine
UL 1598A Marine Outside Type
NEMA 3, 4 & 4X
(iii) CVPD = Wet and Damp Locations
UL 1598 Any Orientation
Intended for Commercial and Industrial Uses Only
* Must be ordered with the HR globe option

(2) LAMP WATTAGE AND TYPE

13F = 13 Watt Comp. Fluor. (GX23-2 Base/120V)[1]
13F = 13 Watt Comp. Fluor. (GX24q-1 Base/277V)[1]
18F = 18 Watt Comp. Fluor. (G24q-2 Base)[2]
26F = 26 Watt Comp. Fluor. (GX24q-3 Base)[3]
15I = Up to 150 Watt Incandescent (Medium Base)[4]

(3) BALLAST VOLTAGE

12 = 120V 60 HZ
22 = 220V 50 HZ[5]
24 = 240V 50-60 HZ[4]
27 = 277V 60 HZ
Starting Temperature with Electronic Ballast is 0˚C (32˚F)

(4) GLOBE

G = Soda Lime Clear Glass (Damp Location Only)
HR = Heat Resistant Soda Lime Glass
P = Polycarbonate Prismatic Globe (75 Watt Max.)[6]
CP = Clear Polycarbonate (75 Watt Max.)[6]
GP = Glass Prismatic (available with CVPD only)
Colored Globes Available with CVPD Only
Other Globes Available - Consult Factory

(5) GUARD

G = Guard[6]

(6) MOUNTING STYLE

P = Pendant
W = Wall Mount with Box
C = Ceiling

(7) OPTIONS[7]

B = Black Non-Metallic Housing[8]
G = Grounding Grid
(Standard with CVP & CVPH Series Fixtures)
DR = Polycarbonate Prismatic Dome Reflector
W = White Non-Metallic Housing[8]

[1] Philips PLC 10mm/13/USA, OSRAM/Sylvania Dulux D(CF-13CC) or equal lamps. for 120V Philips PLC 13W/4P, OSRAM CF13DD/E or equal for 277V.
[2] Philips PLC 18, OSRAM/Sylvania Dulux (CF-18DD) or equal lamps.
[3] PLT-26. Dulux T-26 or equal lamps.
[4] A-21 Lamps. Can only be ordered as 240V but can be wired from 110-240V
[5] 220/50HZ available for 26 watt fluorescent fixtures.
[6] Guard not available with polycarbonate globe.
[7] Consult factory for pricing.
[8] Consult factory for minimum order requirement.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

COMPACT FLUORESCENT • INCANDESCENT

CVP Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A • Wet Locations • CUL



- Class I, Division 2, Groups A, B, C and D
- Non-Metallic
- Enclosed and gasketed
- Glass or polycarbonate globe
- Zone 2, Groups IIA, IIB and IIC
- CUL
- NEMA 3, 4 & 4X
- UL 1598A Marine Outside Type
- UL 844 Hazardous Locations
- Suitable for indoor or outdoor use
- Suitable for hose-down
- Compact fluorescent or incandescent available
- Suitable for commercial and industrial uses only

Mounting Style	Lamp Type①②	Lamp Watt	Conduit Size (In.)	Catalog Number③④			Shipping Weight (Lbs.)
				Marine UL 1598A	Hazardous Locations UL 844	Wet Locations UL 1598	
Pendant Mount 	Incandescent	150	3/4	CVP15-I-24-HR-G-P	CVPH15-I-24-HR-G-P	CVPD15-I-24-GG-P	2.2
	Compact Fluor.	13	3/4	CVP13-F-12-HR-G-P	CVPH13-F-12-HR-G-P	CVPD13-F-12-GG-P	3.0
	Compact Fluor.	18	3/4	CVP18-F-12-HR-G-P	CVPH18-F-12-HR-G-P	CVPD18-F-12-GG-P	3.0
	Compact Fluor.	26	3/4	CVP26-F-12-HR-G-P	CVPH26-F-12-HR-G-P	CVPD26-F-12-GG-P	3.0
Ceiling Mount 	Incandescent	150	3/4	CVP15-I-24-HR-G-C	CVPH15-I-24-HR-G-C	CVPD15-I-24-GG-C	2.3
	Compact Fluor.	13	3/4	CVP13-F-12-HR-G-C	CVPH13-F-12-HR-G-C	CVPD13-F-12-GG-C	2.9
	Compact Fluor.	18	3/4	CVP18-F-12-HR-G-C	CVPH18-F-12-HR-G-C	CVPD18-F-12-GG-C	3.0
	Compact Fluor.	26	3/4	CVP26-F-12-HR-G-C	CVPH26-F-12-HR-G-C	CVPD26-F-12-GG-C	3.3
Wall Mount 	Incandescent	150	3/4	CVP15-I-24-HR-G-W	CVPH15-I-24-HR-G-W	CVPD15-I-24-GG-W	3.1
	Compact Fluor.	13	3/4	CVP13-F-12-HR-G-W	CVPH13-F-12-HR-G-W	CVPD13-F-12-GG-W	3.2
	Compact Fluor.	18	3/4	CVP18-F-12-HR-G-W	CVPH18-F-12-HR-G-W	CVPD18-F-12-GG-W	3.3
	Compact Fluor.	26	3/4	CVP26-F-12-HR-G-W	CVPH26-F-12-HR-G-W	CVPD26-F-12-GG-W	3.4

① Incandescent lamps not furnished with the fixture.
② Compact fluorescent lamps furnished with the fixture.
③ 120V 13 Watt compact fluorescent fixture furnished with magnetic ballast.
④ 13 Watt/277V 18 & 26 Watt compact fluorescent fixture furnished with high power factor electronic ballast.

CVP Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A • Wet Locations • CUL

Coefficients of Utilization

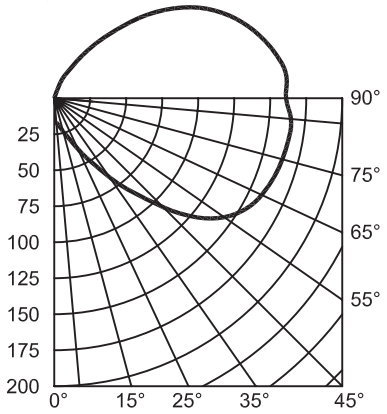
CVP26FP

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.87	.87	.87	.69	.69	.69	.49	.49	.49
1	.69	.63	.59	.53	.49	.46	.35	.33	.31
2	.57	.50	.44	.43	.38	.34	.27	.24	.22
3	.48	.40	.34	.36	.31	.26	.22	.19	.16
4	.42	.33	.27	.31	.25	.21	.19	.15	.12
5	.36	.28	.22	.27	.21	.17	.17	.13	.10
6	.32	.24	.18	.24	.18	.14	.15	.11	.8
7	.28	.21	.16	.21	.16	.12	.13	.9	.7
8	.26	.18	.13	.19	.14	.10	.12	.8	.6
9	.23	.16	.12	.18	.12	.9	.11	.7	.5
10	.21	.14	.10	.16	.11	.8	.10	.7	.4

Candlepower Distribution

Deg.	Norm
5	17
15	24
25	39
35	67
45	107
55	144
65	159
75	164
85	165
90	161
95	162
105	152
115	135
125	110
135	75
145	41
155	18
165	1

Photometric Data



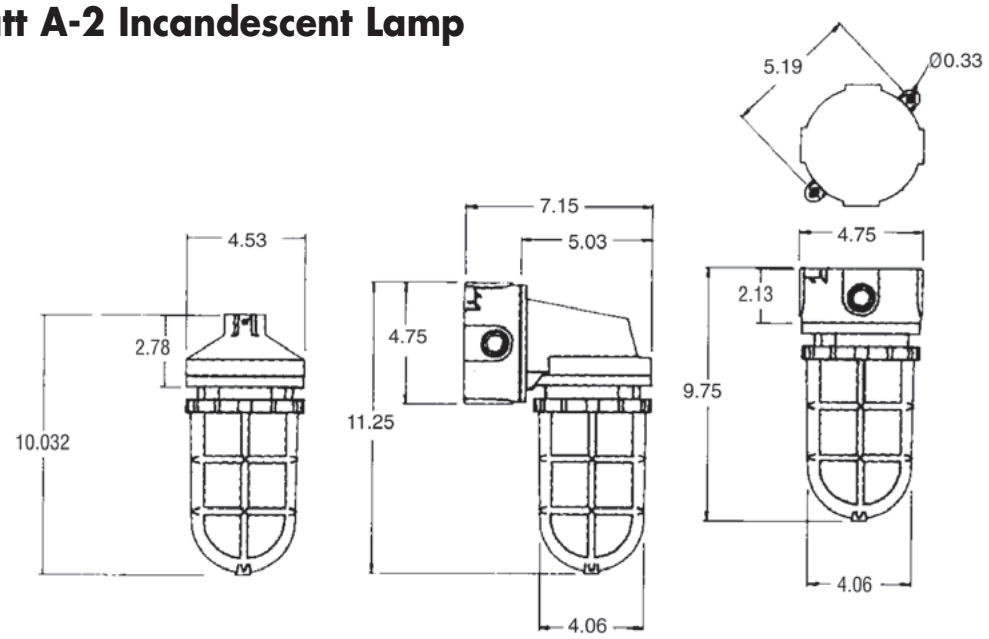
Certification Guide

Model	Ambient Temperature °C	CLASS I, DIVISION 2 (When Used With)		Supply Wire Suitable Temp °C
		Globe	Refractor	
AVPH15I, BVPH15I, CVPH15I	40	T2C	T2B	90
AVPH26F, BVPH26F, CVPH26F	40	T3C	T3C	90
AVPH32F, BVPH32F	40	T3	T3A	90

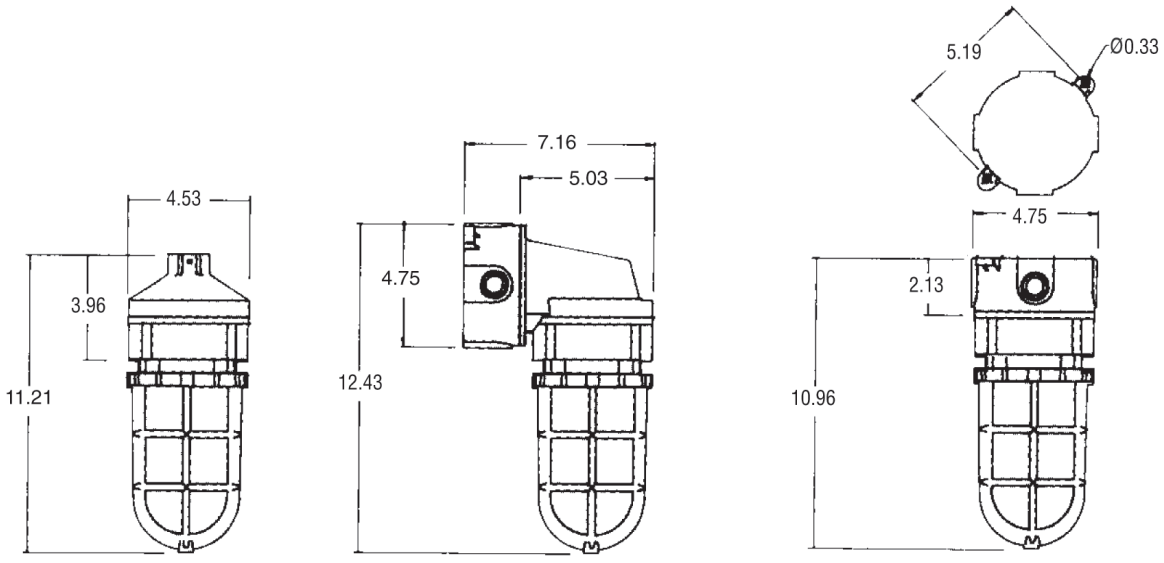
CVP Series

Fixture Dimensions (inches)

150 Watt A-2 Incandescent Lamp



13, 18, 26 Watt Compact Fluorescent Lamp with Glass Globe

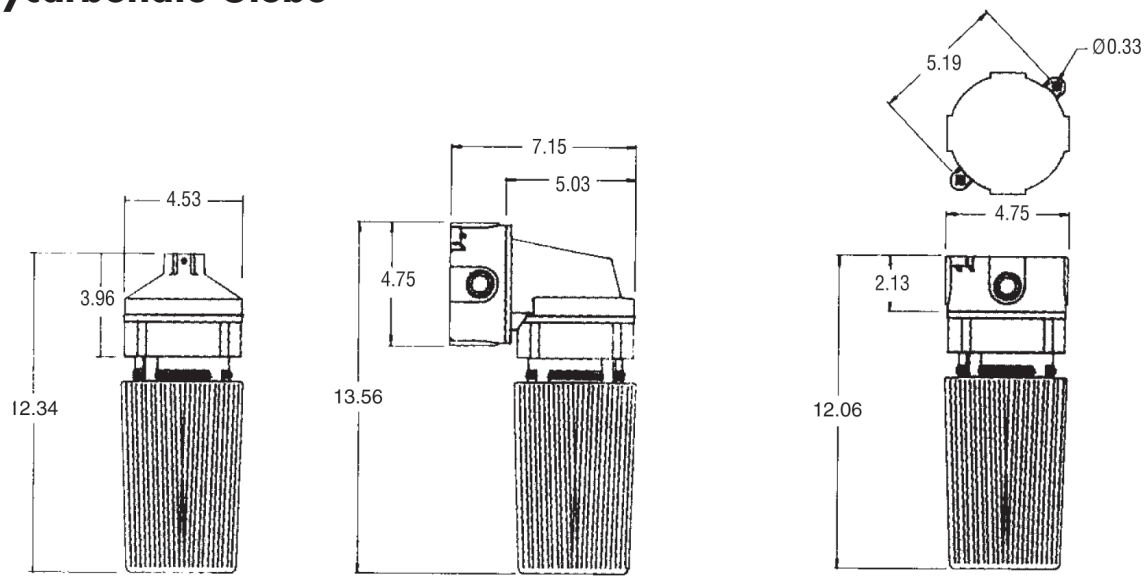


CVP Series

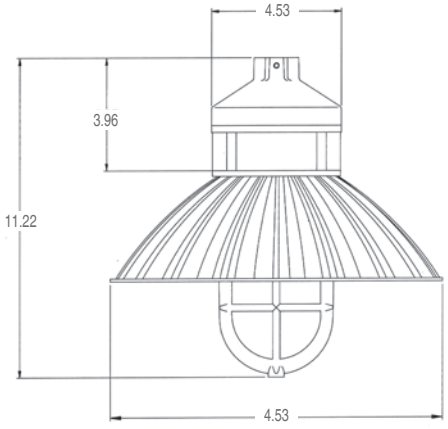
Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A • Wet Locations • CUL

Fixture Dimensions (inches)

26 Watt Compact Fluorescent Lamp with Polycarbonate Globe



Prismatic Polycarbonate with Dome Reflector*



* Cannot be used with wall mount unit or polycarbonate globe.

Accessories

Globes

	Type	Lamp Size	Color	Thread Diameter	Catalog Number
	Soda Lime Glass	150W	Clear	3-5/16 in.	VGL100[1]
	Heat Treated Soda Lime Glass	150W	Clear	3-5/16 in.	VGL100HR
	Polycarbonate Prismatic	75W	Clear	3-5/16 in.	VGL100PPG[1]
	Glass Prismatic	150W	Clear	3-5/16 in.	VGL100PRISM

Guard and Grid

	Description	Catalog Number
	Non-Metallic Guard	59030
	Grounding Grid	26563
	Polycarbonate Prismatic Dome Reflector[2]	CVP100DR

[1]To order colored globes, add suffix A (Amber), B (Blue), R (Red) or G (Green) to catalog number.
[2]Requires guard catalog number: 59030 (Not available with wall mount fixtures).
Colored globes available with CVPD only.

AVP SERIES

AVP

Aluminum Lighting for Hazardous and Severe Environments

- Class I, Division 2, Groups A, B, C & D
- Zone 2, Group IIA, IIB, IIC
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- CUL



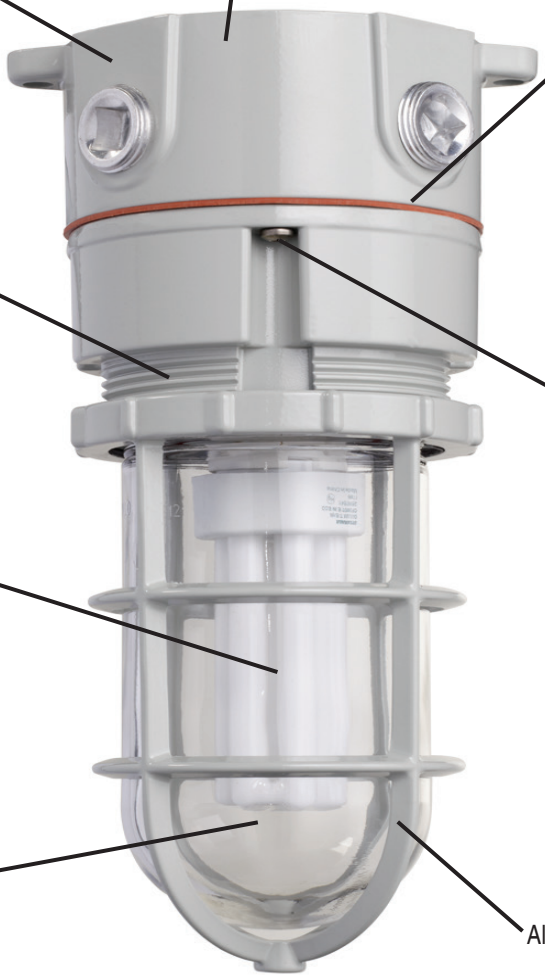
c UL us LISTED

MARINE UL LISTED

AVP SERIES

Aluminum Lighting for Hazardous and Severe Environments

Designed to meet the rugged demands of highly corrosive industrial applications, the AVP Series is vapor-tight and rated for Class I, Division 2 hazardous areas. It's rugged construction precludes contamination by dirt, moisture and chemicals and is suitable for indoor and outdoor applications.



COMPACT FLUORESCENT • INCANDESCENT

AVP Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A • Wet Locations • CUL



- Class I, Division 2, Groups A, B, C and D
- Zone 2, Groups IIA, IIB and IIC
- NEMA 3, 4 & 4X
- UL 1598A Marine Outside Type
- UL 844 Hazardous Locations
- Copper Free Aluminum
- Enclosed and gasketed
- Glass or polycarbonate globe
- Suitable for indoor or outdoor use
- Suitable for hose-down
- Compact fluorescent or incandescent available
- Suitable for commercial and industrial uses only
- Twist Lock Lamp Holder (CFL)
- 3/4" NPT Hubs

Catalog Number Logic

AVP 15I -24-HR-G-C-XX

1 2 3 4 5 6 7

1 BASIC SERIES

AVP Aluminum Series

(i) AVPH = Class I, Division 2, Groups A, B, C & D
UL 844 Hazardous Locations
UL 1598A Marine Outside Type
NEMA 3, 4 & 4X

(ii) AVP = Marine
UL 1598A Marine Outside Type
NEMA 3, 4 & 4X

2 LAMP WATTAGE AND TYPE

13F = 13 Watt Comp. Fluor. (GX23-2 Base/120V)[1]
13F = 13 Watt Comp. Fluor. (GX24q-1 Base/277V)[1]
18F = 18 Watt Comp. Fluor. (G24q-2 Base)[2]
26F = 26 Watt Comp. Fluor. (GX24q-3 Base)[3]
32F = 32 Watt Comp. Fluor. (GX24q-3 Base)[6]
15I = Up to 150 Watt (A-21 Max.) Incandescent (Medium Base)[4]

3 BALLAST VOLTAGE

12 = 120V 60 HZ
24 = 240V 50-60 HZ (Incandescent)[4]
27 = 277V 60 HZ
Starting Temperature with Electronic Ballast is 0˚C (32˚F)

4 GLOBE

HR = Heat Resistant Tempered Glass
P = Polycarbonate Prismatic Globe (75 Watt Max.)[5]
CP = Clear Polycarbonate (75 Watt Max.)[5]
Colored Globes Available with AVP Only
Other Globes Available - Consult Factory

5 GUARD

G = Guard[5]

6 MOUNTING STYLE

P = Pendant
W = Wall Mount with Box
C = Ceiling

7 OPTIONS

DR = Polycarbonate Prismatic Dome Reflector

[1] Philips PLC 10mm/13/USA, OSRAM/Sylvania Dulux D(CF-13CC) or equal lamps for 120V. Philips PLC 13W/4P, OSRAM CF13DD/E or equal for 277V.
[2] Philips PLC 18, OSRAM/Sylvania Dulux (CF-18DD) or equal lamps.
[3] PLT-26. Dulux T-26 or equal lamps.
[4] Can only be ordered as 240V but can be wired from 110-240V
[5] Guard not available with polycarbonate globe.
[6] Phillips PLT-32 lamp.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

COMPACT FLUORESCENT • INCANDESCENT

AVP Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A • Wet Locations • CUL

Mounting Style	Lamp Type①②	Lamp Watt	Catalog Number③④		Shipping Weight (Lbs.)
			Marine UL 1598A	Hazardous & Marine Locations UL 844 & UL1598	
Pendant Mount 	Incandescent	150	AVP15-I-24-HR-G-P	AVPH15-I-24-HR-G-P	3.2
	Compact Fluor.	13	AVP13-F-12-HR-G-P	AVPH13-F-12-HR-G-P	3.6
	Compact Fluor.	18	AVP18-F-12-HR-G-P	AVPH18-F-12-HR-G-P	3.8
	Compact Fluor.	26	AVP26-F-12-HR-G-P	AVPH26-F-12-HR-G-P	4.0
	Compact Fluor.	32	AVP32-F-12-HR-G-P	AVPH32-F-12-HR-G-P	4.2
Ceiling Mount 	Incandescent	150	AVP15-I-24-HR-G-C	AVPH15-I-24-HR-G-C	3.2
	Compact Fluor.	13	AVP13-F-12-HR-G-C	AVPH13-F-12-HR-G-C	3.6
	Compact Fluor.	18	AVP18-F-12-HR-G-C	AVPH18-F-12-HR-G-C	3.8
	Compact Fluor.	26	AVP26-F-12-HR-G-C	AVPH26-F-12-HR-G-C	4.0
	Compact Fluor.	32	AVP32-F-12-HR-G-C	AVPH26-F-12-HR-G-C	4.2
Wall Mount 	Incandescent	150	AVP15-I-24-HR-G-W	AVPH15-I-24-HR-G-W	4.1
	Compact Fluor.	13	AVP13-F-12-HR-G-W	AVPH13-F-12-HR-G-W	4.3
	Compact Fluor.	18	AVP18-F-12-HR-G-W	AVPH18-F-12-HR-G-W	4.4
	Compact Fluor.	26	AVP26-F-12-HR-G-W	AVPH26-F-12-HR-G-W	4.6
	Compact Fluor.	32	AVP32-F-12-HR-G-W	AVPH32-F-12-HR-G-W	4.8

① Incandescent lamps not furnished with the fixture.
② Compact fluorescent lamps furnished with the fixture.
③120V 13 Watt compact fluorescent fixture furnished with magnetic ballast.
④ 13 Watt/277V 18 & 26 Watt compact fluorescent fixture furnished with high power factor electronic ballast.

AVP Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A • Wet Locations • CUL

Coefficients of Utilization

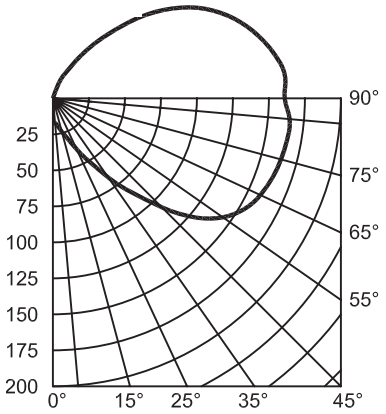
AVP26FP

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.87	.87	.87	.69	.69	.69	.49	.49	.49
1	.69	.63	.59	.53	.49	.46	.35	.33	.31
2	.57	.50	.44	.43	.38	.34	.27	.24	.22
3	.48	.40	.34	.36	.31	.26	.22	.19	.16
4	.42	.33	.27	.31	.25	.21	.19	.15	.12
5	.36	.28	.22	.27	.21	.17	.17	.13	.10
6	.32	.24	.18	.24	.18	.14	.15	.11	.8
7	.28	.21	.16	.21	.16	.12	.13	.9	.7
8	.26	.18	.13	.19	.14	.10	.12	.8	.6
9	.23	.16	.12	.18	.12	.9	.11	.7	.5
10	.21	.14	.10	.16	.11	.8	.10	.7	.4

Candlepower Distribution

Deg.	Norm
5	17
15	24
25	39
35	67
45	107
55	144
65	159
75	164
85	165
90	161
95	162
105	152
115	135
125	110
135	75
145	41
155	18
165	1

Photometric Data



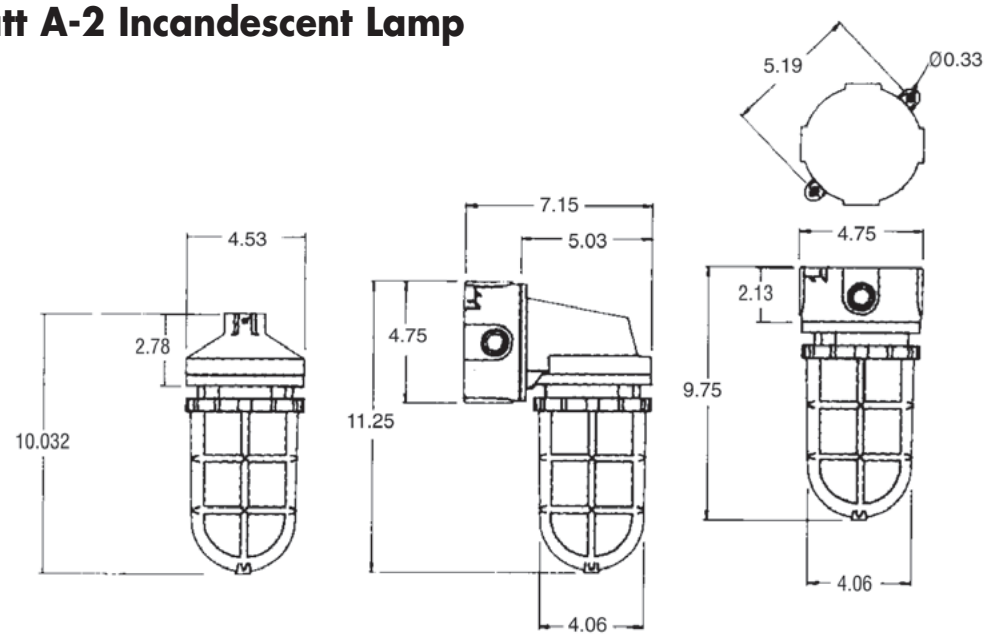
Certification Guide

Model	Ambient Temperature °C	CLASS I, DIVISION 2		Supply Wire Suitable Temperature °C
		Globe	Refractor	
AVPH15I	40	T2C	T2B	90
AVPH26F	40	T3C	T3C	90
AVPH32F	40	T3	T3A	90

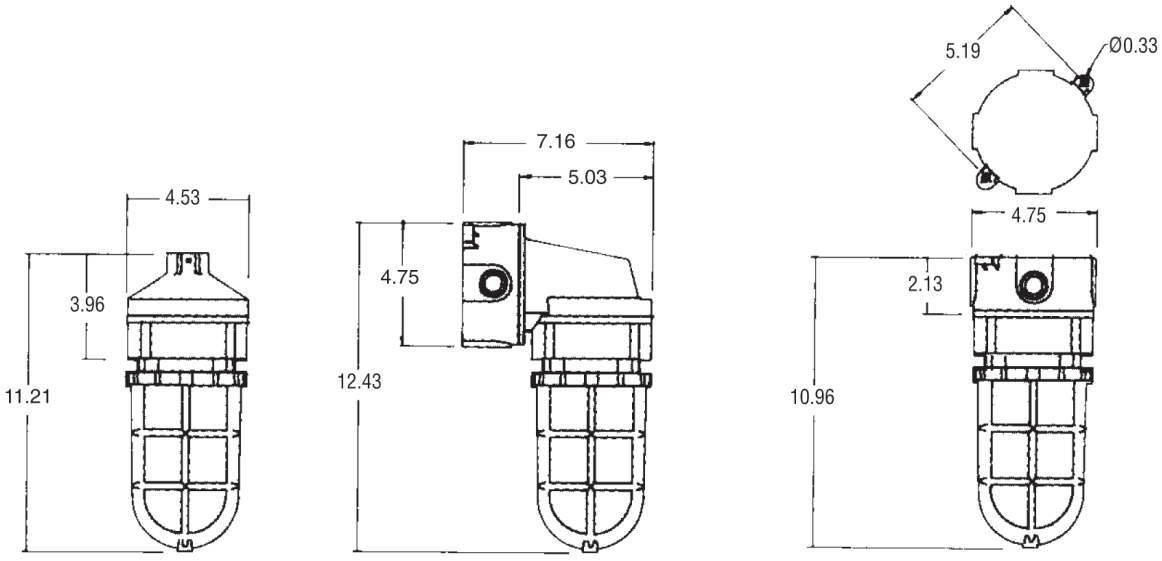
AVP Series

Fixture Dimensions (inches)

150 Watt A-2 Incandescent Lamp



13, 18, 26 & 32 Watt Compact Fluorescent Lamp with Glass Globe

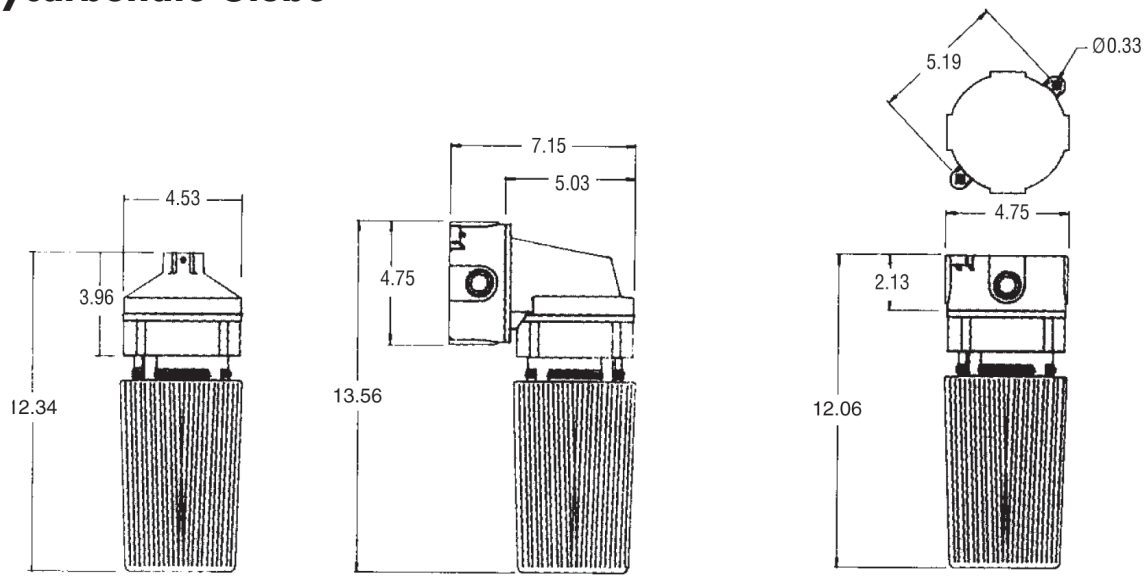


AVP Series

Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A • Wet Locations • CUL

Fixture Dimensions (inches)

26 Watt Compact Fluorescent Lamp with Polycarbonate Globe



Accessories

Globes

	Type	Lamp Size	Color	Thread Diameter	Catalog Number
	Heat Resistant Tempered Glass	150W	Clear	3-5/16 in.	VGL100HR
	Polycarbonate Prismatic	75W	Clear	3-5/16 in.	VGL100PPG[1]
	Glass Prismatic	150W	Clear	3-5/16 in.	VGL100PRISM

[1]To order colored globes, add suffix A (Amber), B (Blue), R (Red) or G (Green) to catalog number.

Guard

	Description	Catalog Number
	Cast Aluminum Guard	59030AMFG

NOTES

BVP SERIES

Brass Lighting for Marine and Hazardous Environments

B V P

- Class I, Division 2, Groups A, B, C & D
- Zone 2, Group IIA, IIB, IIC
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- NEMA 3, 4, 4X



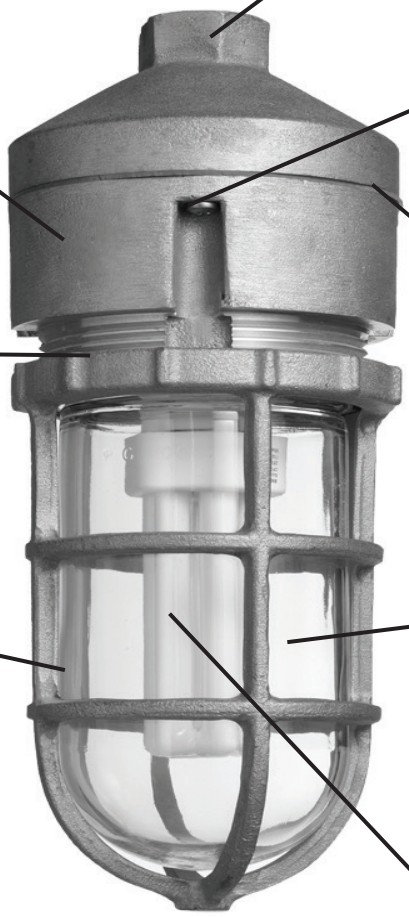
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MARINE UL LISTED

BVP SERIES

Brass Luminaire for Marine and Hazardous Environments

Designed to meet the rugged demands of marine, petroleum & industrial applications, the BVP Series is suitable for Class I, Division 2 hazardous and marine outdoor salt spray areas. It's rugged construction protects against corrosion and is suitable for indoor and outdoor applications.



Available in three mounting styles– pendant, ceiling and wall mounts.

Cast marine brass housing.

Stainless steel hardware.

Threads are provided for quick and easy, trouble-free maintenance.

High-temperature silicone gasket.

Cast marine brass guard.

Heat-resistant soda lime glass globes offer additional protection.

Choice of incandescent lamps up to 150W(A-21 Max); or compact fluorescent lamps (13W, 18W and 26W).

BVP Series

Cast Marine Brass • Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A • Wet Locations

Catalog Number Logic

BVP 15I -24-HR-G-C-XX

1 2 3 4 5 6 7

1 BASIC SERIES

BVP Brass Series

(i) BVPH = Class I, Division 2, Groups A, B, C & D
UL 844 Hazardous Locations
UL 1598A Marine Outside Type
NEMA 3, 4, 4X

(ii) BVP = Marine
UL 1598A Marine Outside Type
NEMA 3, 4, 4X

2 LAMP WATTAGE AND TYPE

13F = 13 Watt Comp. Fluor. (GX23-2 Base/120V)[1]
13F = 13 Watt Comp. Fluor. (GX24q-1 Base/277V)[1]
18F = 18 Watt Comp. Fluor. (G24q-2 Base)[2]
26F = 26 Watt Comp. Fluor. (GX24q-3 Base)[3]
32F = 32 Watt Comp. Fluor. (GX24q-3 Base)[6]
15I = Up to 150 Watt (A-21 Max.) Incandescent (Medium Base)[4]

3 BALLAST VOLTAGE

12 = 120V 60 HZ
24 = 240V 50-60 HZ (Incandescent)[4]
27 = 277V 60 HZ

Starting Temperature with Electronic Ballast is 0˚C (32˚F)

4 GLOBE

HR = Heat Resistant Soda Lime Glass
P = Polycarbonate Prismatic Globe (75 Watt Max.)[5]
CP = Clear Polycarbonate (75 watt max.)[5]
Colored Globes Available with BVP Only
Other Globes Available - Consult Factory

5 GUARD

G = Guard[5]

6 MOUNTING STYLE

P = Pendant
W = Wall Mount with Box
C = Ceiling

7 OPTIONS

E1 = 1/2" NPT Dead End (single hole in any location)
E2 = 3/4" NPT Dead End (single hole in any location)
C1 = 1/2" NPT Thru Feed (two holes on opposite sides)
C2 = 3/4" NPT Thru Feed (two holes on opposite sides)
L1 = 1/2" NPT 90°(two holes at 90° angle)
L2 = 3/4" NPT 90°(two holes at 90° angle)
X1 = 1/2" NPT X (all four hubs drilled)
X2 = 3/4" NPT X (all four hubs drilled)

[1] Philips PLC 10mm/13/USA, OSRAM/Sylvania Dulux D(CF-13CC) or equal lamps for 120V. Philips PLC 13W/4P, OSRAM CF13DD/E or equal for 277V.
[2] Philips PLC 18, OSRAM/Sylvania Dulux (CF-18DD) or equal lamps.
[3] PLT-26. Dulux T-26 or equal lamps.
[4] Can only be ordered as 240V but can be wired from 110-240V
[5] Guard not available with polycarbonate globe.
[6] Phillips PLT-32 lamp.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

COMPACT FLUORESCENT • INCANDESCENT

BVP Series

Cast Marine Brass • Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A • Wet Locations



- Class I, Division 2, Groups A, B, C and D
- Zone 2, Groups IIA, IIB and IIC
- NEMA 3, 4 & 4X
- UL 1598A Marine Outside Type
- UL 844 Hazardous Locations
- Enclosed and gasketed
- Glass or polycarbonate globe
- Suitable for indoor or outdoor use
- Suitable for hose-down
- Compact fluorescent or incandescent available
- Twist Lock Lamp Holder (CFL)

Mounting Style	Lamp Type①②	Lamp Watt	Catalog Number③④ Marine UL 1598A	Catalog Number③④ Hazardous & Marine Locations UL 844 & UL1598	Shipping Weight (Lbs.)
Pendant Mount 	Incandescent	150	BVP15-I-24-HR-G-P	BVPH15-I-24-HR-G-P	8.3
	Compact Fluor.	13	BVP13-F-12-HR-G-P	BVPH13-F-12-HR-G-P	8.3
	Compact Fluor.	18	BVP18-F-12-HR-G-P	BVPH18-F-12-HR-G-P	8.3
	Compact Fluor.	26	BVP26-F-12-HR-G-P	BVPH26-F-12-HR-G-P	8.3
	Compact Fluor.	32	BVP32-F-12-HR-G-P	BVPH32-F-12-HR-G-P	8.3
Ceiling Mount 	Incandescent	150	BVP15-I-24-HR-G-C	BVPH15-I-24-HR-G-C	7.5
	Compact Fluor.	13	BVP13-F-12-HR-G-C	BVPH13-F-12-HR-G-C	7.5
	Compact Fluor.	18	BVP18-F-12-HR-G-C	BVPH18-F-12-HR-G-C	7.5
	Compact Fluor.	26	BVP26-F-12-HR-G-C	BVPH26-F-12-HR-G-C	7.5
	Compact Fluor.	32	BVP32-F-12-HR-G-C	BVPH26-F-12-HR-G-C	7.5
Wall Mount 	Incandescent	150	BVP15-I-24-HR-G-W	BVPH15-I-24-HR-G-W	14.5
	Compact Fluor.	13	BVP13-F-12-HR-G-W	BVPH13-F-12-HR-G-W	14.5
	Compact Fluor.	18	BVP18-F-12-HR-G-W	BVPH18-F-12-HR-G-W	14.5
	Compact Fluor.	26	BVP26-F-12-HR-G-W	BVPH26-F-12-HR-G-W	14.5
	Compact Fluor.	32	BVP32-F-12-HR-G-W	BVPH32-F-12-HR-G-W	14.5

① Incandescent lamps not furnished with the fixture.
② Compact fluorescent lamps furnished with the fixture.
③120V 13 Watt compact fluorescent fixture furnished with magnetic ballast.
④ 13 Watt / 277V 18 & 26 Watt compact fluorescent fixture furnished with high power factor electronic ballast.

BVP Series

Cast Marine Brass • Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A • Wet Locations

Coefficients of Utilization

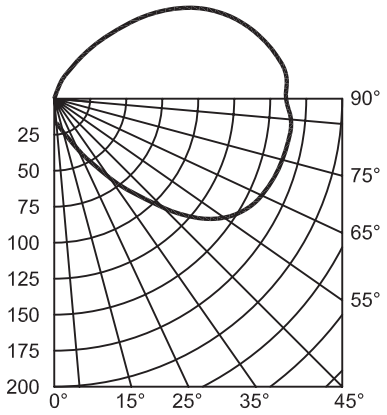
BVP26FP

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.87	.87	.87	.69	.69	.69	.49	.49	.49
1	.69	.63	.59	.53	.49	.46	.35	.33	.31
2	.57	.50	.44	.43	.38	.34	.27	.24	.22
3	.48	.40	.34	.36	.31	.26	.22	.19	.16
4	.42	.33	.27	.31	.25	.21	.19	.15	.12
5	.36	.28	.22	.27	.21	.17	.17	.13	.10
6	.32	.24	.18	.24	.18	.14	.15	.11	.8
7	.28	.21	.16	.21	.16	.12	.13	.9	.7
8	.26	.18	.13	.19	.14	.10	.12	.8	.6
9	.23	.16	.12	.18	.12	.9	.11	.7	.5
10	.21	.14	.10	.16	.11	.8	.10	.7	.4

Candlepower Distribution

Deg.	Norm
5	17
15	24
25	39
35	67
45	107
55	144
65	159
75	164
85	165
90	161
95	162
105	152
115	135
125	110
135	75
145	41
155	18
165	1

PhotometricData



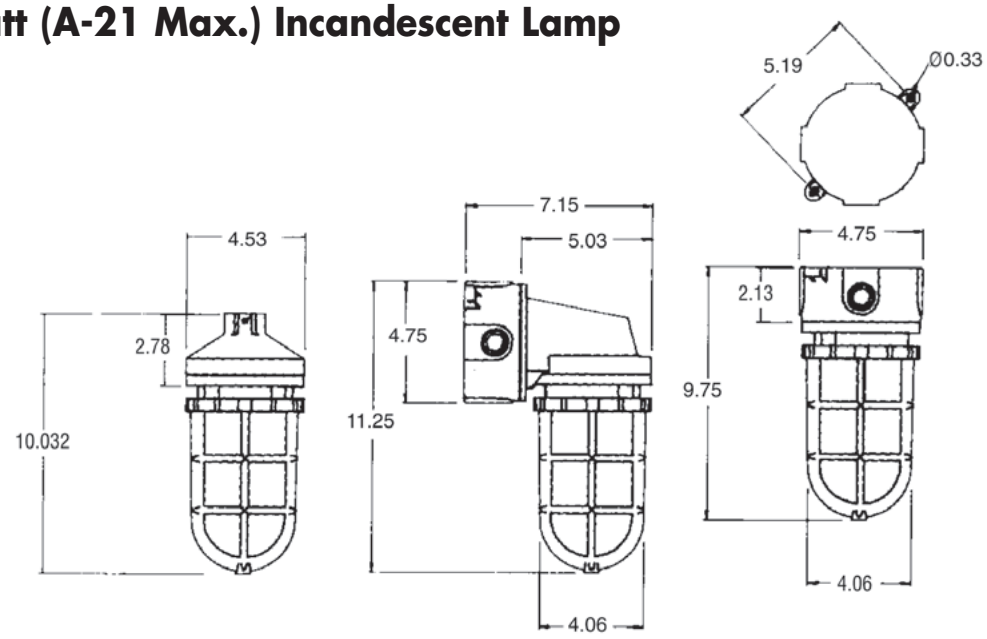
Certification Guide

Model	Ambient Temperature °C	CLASS I, DIVISION 2 (When used with)		Supply Wire Suitable Temperature °C
		Globe	Refractor	
BVPH15I	40	T2C	T2B	90
BVPH26F	40	T3C	T3C	90
AVPH32F	40	T3	T3A	90

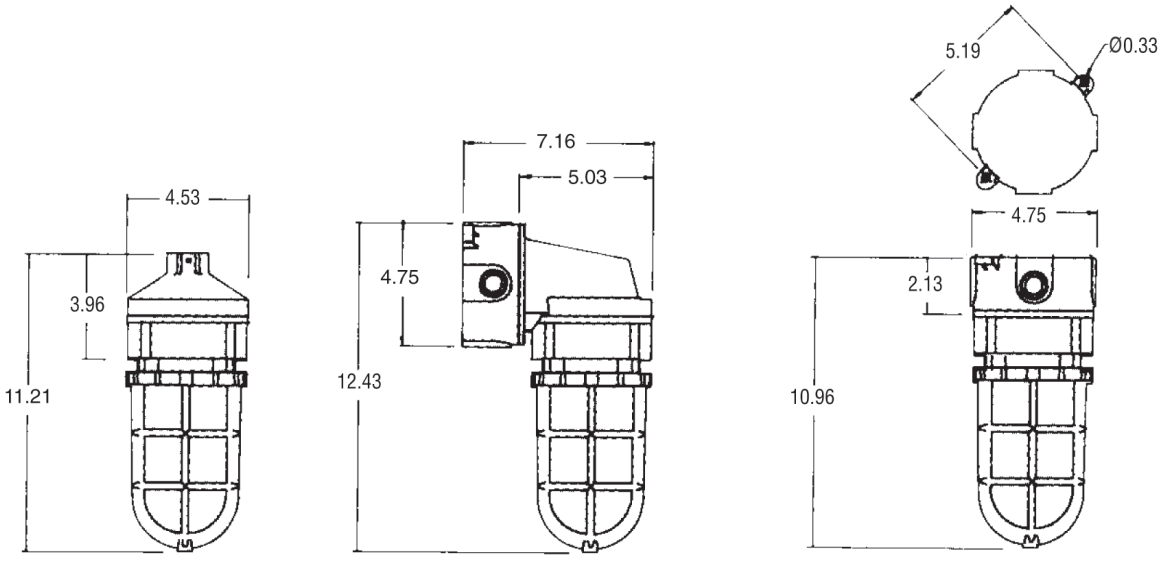
BVP Series

Fixture Dimensions (inches)

150 Watt (A-21 Max.) Incandescent Lamp



13, 18, 26 & 32 Watt Compact Fluorescent Lamp Glass Globe

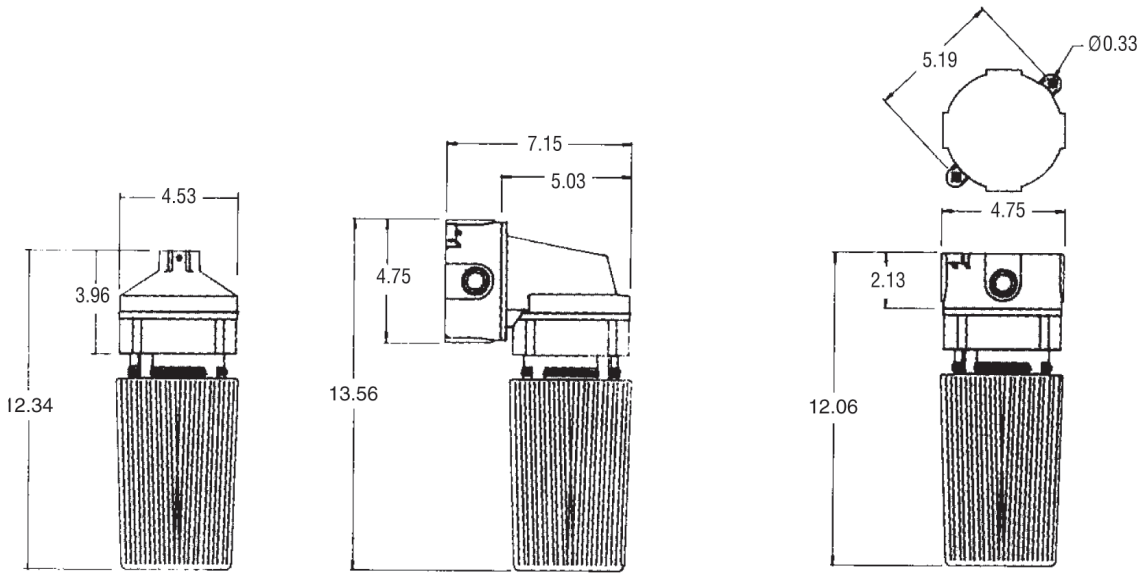


BVP Series

Cast Marine Brass • Hazardous Locations • Class I, Division 2 • UL 844 • UL 1598A • Wet Locations

Fixture Dimensions (inches)

26 Watt Compact Fluorescent Lamp with Polycarbonate Globe



Accessories

Globes

	Type	Lamp Size	Color	Thread Diameter	Catalog Number
	Heat Treated Soda Lime Glass	150W	Clear	3-5/16 in.	VGL100HR
	Polycarbonate Prismatic	150W	Clear	3-5/16 in.	VGL100PPG[1]
	Glass Prismatic	150W	Clear	3-5/16 in.	VGL100PRISM

Guard

	Description	Catalog Number
	Cast Brass Guard	59030BR

[1]To order colored globes, add suffix A (Amber), B (Blue), R (Red) or G (Green) to catalog number.
[2]Requires guard catalog number: 59030 (Not available with wall mount fixtures).
Colored globes available with BVP only.

RBL SERIES

Marine Inside-Type Berth Light

RBL

- UL 1598A Marine Inside Type
- Wall Mount
- Compact Fluorescent Lamps



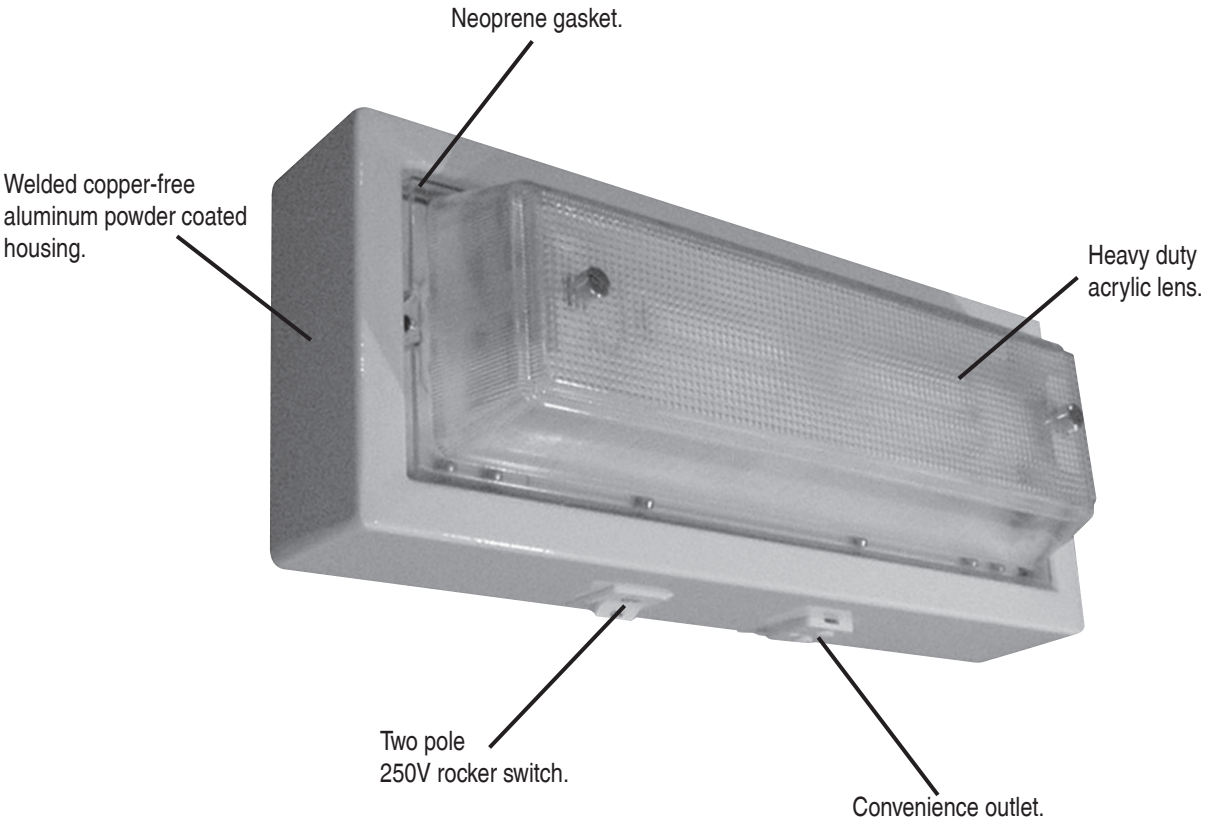
MARINE UL LISTED

AZZ™

713.943.0340 | azz.com/rigalite

RBL SERIES

Marine Inside Type Berth Light



- UL 1598A Marine Inside Type
- Welded copper free aluminum housing
- Powder coated baked-on white polyester finish
- Neoprene close cell gasket
- All exposed hardware and inserts constructed of brass
- Heavy duty prismatic acrylic lens
- Wall mount

RBL Series

UL 1598A Marine Inside Type Berth Light • Welded Aluminum • Prismatic Acrylic Lens

Catalog Number Logic

RBL-2-13-A-LCO

1 2 3 4 5

1 BASIC SERIES
RBL Series Berth Light
UL 1598A Marine Inside Type

2 NUMBER OF LAMPS
2 = 2 Lamps

3 LAMP CURRENT/LAMP WATTAGE
13 = 13 Watts

4 VOLTAGE/FREQUENCY
A = 120V 60 HZ
B = 236V 60 HZ
D = 220V 50 HZ

5 OPTIONS[1]
LCO = Less Convenience Outlet

[1]Consult factory for pricing.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

FLUORESCENT

RBL Series

UL 1598A Marine Inside Type Berth Light • Welded Aluminum • Prismatic Acrylic Lens

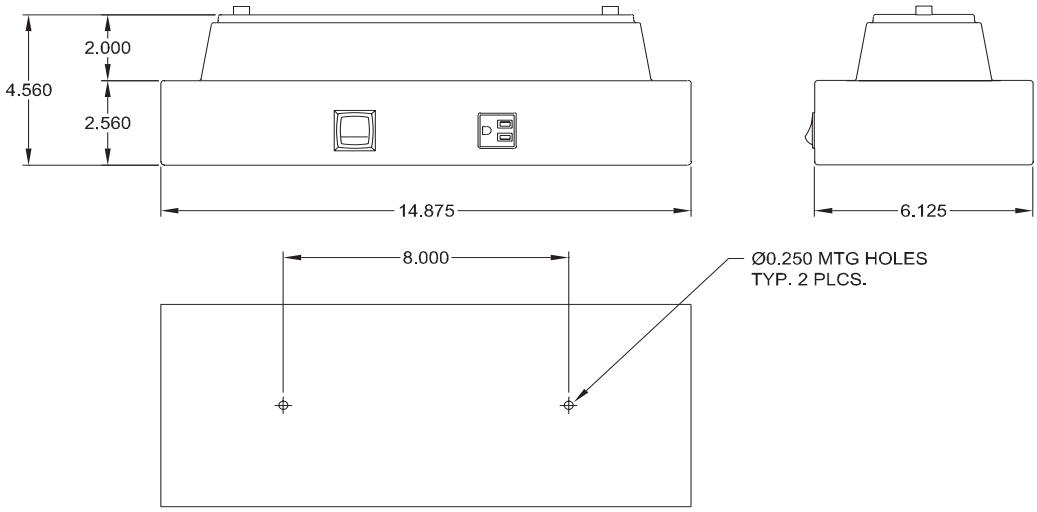


- Welded copper free aluminum housing
- Baked-on powder coated polyster finish
- Prismatic acrylic lens
- Two pole 250V rocker switch
- Two 13-watt PL lamps
- Universal voltage electronic ballast standard
- Fixture without receptacle optional
- Stainless steel external hardware
- Internal visor/lamp shield

(Lamps are included)

No. of Lamps	Lamp Type	Voltage	Catalog Number
2	13 Watt, PL Lamp	120V 60HZ	**RBL-2-13-A-LCO**
	13 Watt, PL Lamp	236V 60HZ	**RBL-2-13-B-LCO**
	13 Watt, PL Lamp	220V 50HZ	**RBL-2-13-D-LCO**

Fixture Dimensions (inches)



RML SERIES

RML

Marine Inside-Type Mirror Light

- UL 1598A Marine Inside Type
- Wall Mount
- Compact Fluorescent Lamps



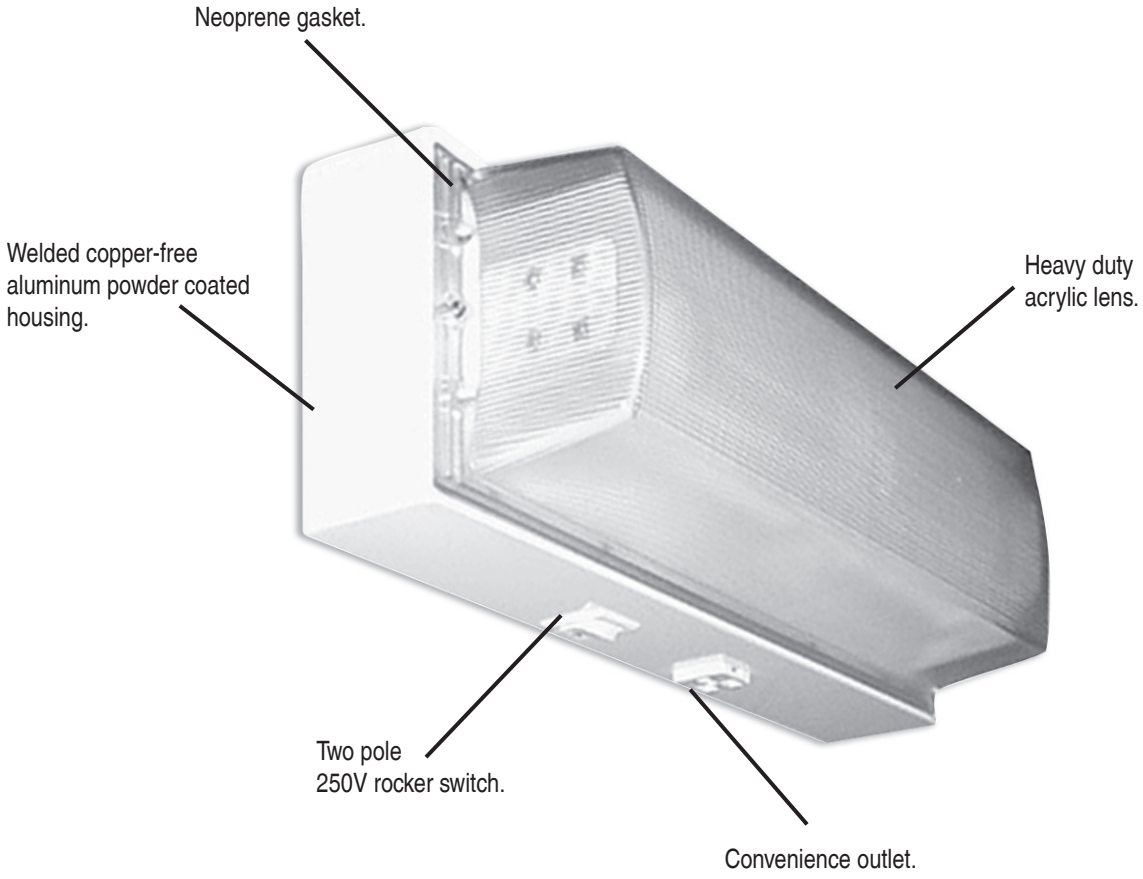
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RML SERIES

Marine Inside-Type Mirror Light



- UL 1598A Marine Inside Type
- Welded copper free aluminum housing
- Powder coated baked-on white polyester finish
- Neoprene closed cell gasket
- All exposed hardware and inserts constructed of brass
- Heavy duty prismatic acrylic lens
- Wall mount

FLUORESCENT

RML Series

UL 1598A Marine Inside Type • Mirror Light • Welded Aluminum • Prismatic Acrylic Lens

Catalog Number Logic

RML-2-18-A-LCO

1 2 3 4 5

1 BASIC SERIES
RML Series Mirror Light
UL 1598A Marine Inside Type

2 NUMBER OF LAMPS
2 = 2 Lamps

3 LAMP CURRENT/LAMP WATTAGE
18 = 18 Watts
26 = 26 Watts

4 VOLTAGE/FREQUENCY
A = 120V 60 HZ
B = 236V 60 HZ
D = 220V 50 HZ

5 OPTIONS[1]
LCO = Less Convenience Outlet

[1]Consult factory for pricing.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

FLUORESCENT

RML Series

UL 1598A Marine Inside Type • Mirror Light • Welded Aluminum • Prismatic Acrylic Lens

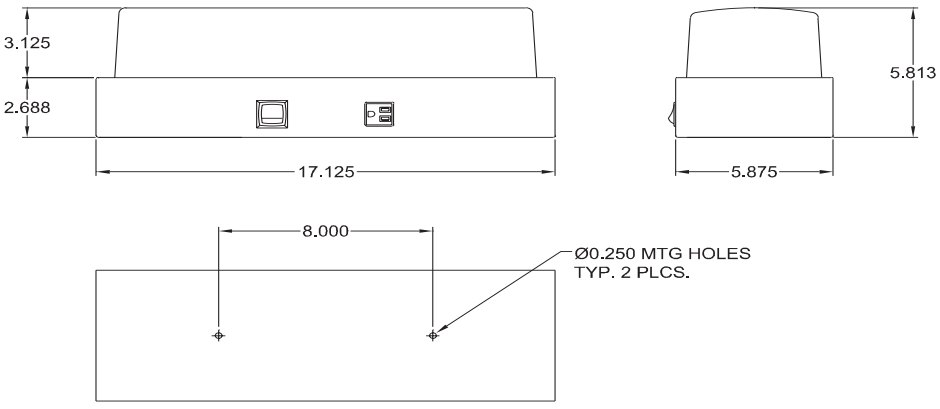


- Welded copper free aluminum housing
- Baked-on powder coated polyester finish
- Prismatic acrylic lens
- Two pole 250V rocker switch
- Two 18 watt CF lamps, 26 watt also available
- Universal voltage electronic ballast standard
- Fixture without receptacle standard
- Stainless steel external hardware
- Internal visor/lamp shield

(Lamps are included)

No. of Lamps	Lamp Type	Voltage	Catalog Number
2	18 Watt, PL Lamp	120V 60 HZ	**RML-2-18-A-LCO**
	18 Watt, PL Lamp	236V 60 HZ	**RML-2-18-B-LCO**
	18 Watt, PL Lamp	220V 50 HZ	**RML-2-18-D-LCO**

Fixture Dimensions (inches)





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