

SAFJ LED

LED area lighting for hazardous locations

RIG-A-LITE™
An Avail Infrastructure Solutions Company



Classifications

- 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
- Buy American Act (BAA) Compliant



availinfra.com/rig-a-lite

8500 Hansen Road,
Houston, TX 77075
(713) 943-0340

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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
- Standard 10kV surge protection
- 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

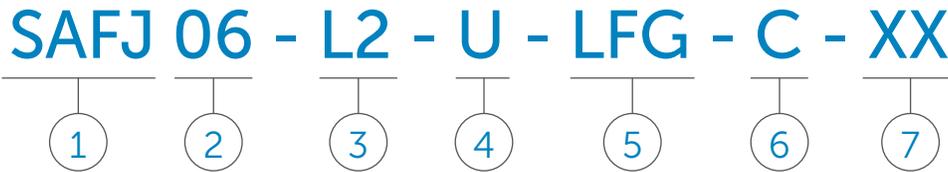
Hardware:

Stainless Steel

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Catalog Number Logic



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 50/60 HZ
 N = 347/480V 60 HZ

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
OPTIONS¹
 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.

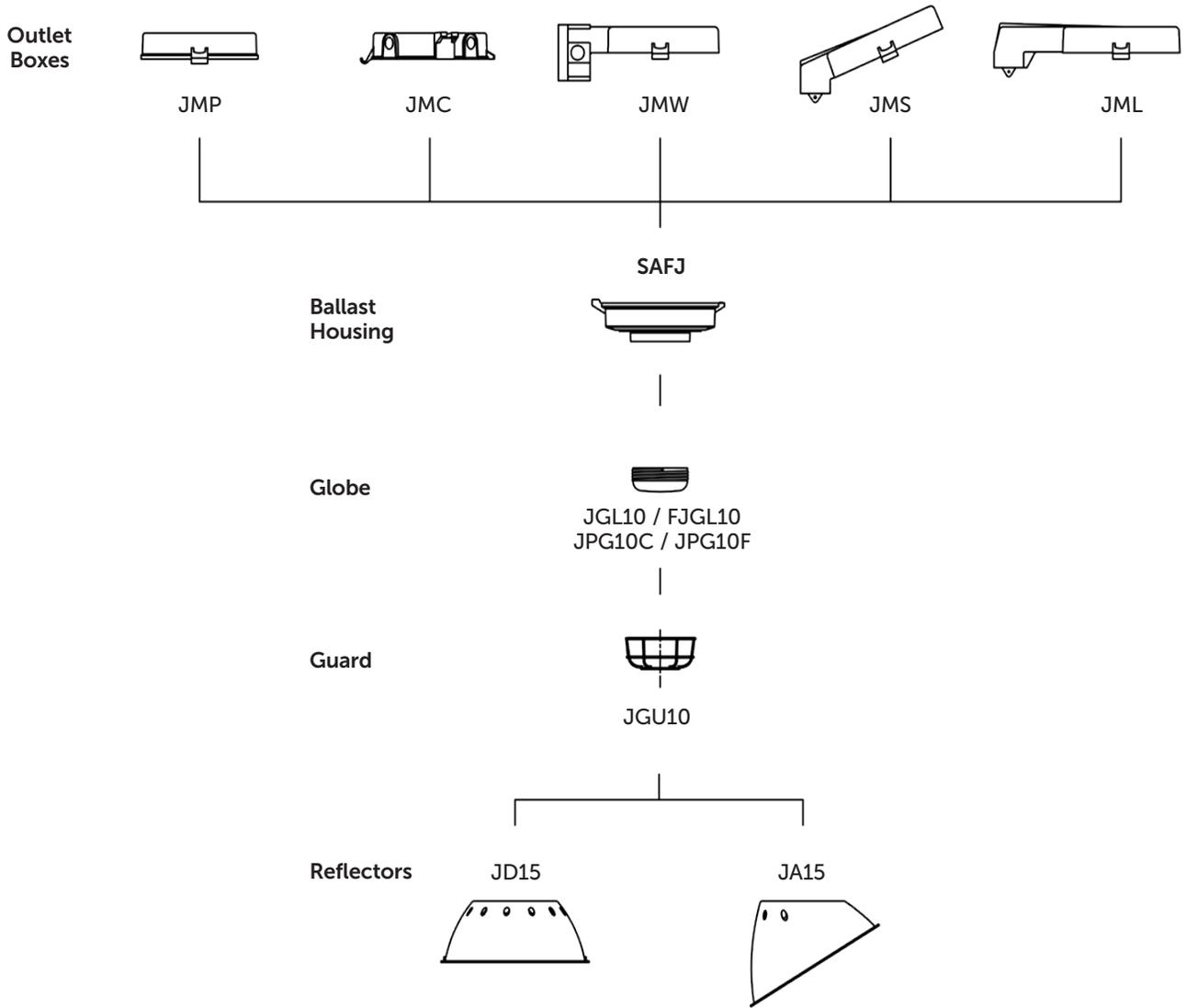
Certification Guide

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	
SAFJ06L2LC	P, C, W, S, L	50W		4806	100	74	4785	-20°C < Tamb < 55°C	T3C	T3A	T3	
SAFJ06L2LF	P, C, W, S, L	50W		4136	86	74	4734	-20°C < Tamb < 55°C	T3C	T3A	T3	
SAFJ06L2LPC	P, C, W, S, L	50W		4671	97	74	4804	-20°C < Tamb < 55°C	T3C	T3A	T3	
SAFJ06L2LPF	P, C, W, S, L	50W		3123	65	77	4571	-20°C < Tamb < 55°C	T3C	T3A	T3	

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Configurations



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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.

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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	SAFJ06L2U SAFJ06L2U	JMP JMP1	JGL10 JGL10	JGU10 JGU10
			9				
Ceiling Mount 	3/4 1	SAFJ06-L2-U-LCG-C SAFJ06-L2-U-LCG-C1	9.5	SAFJ06L2U SAFJ06L2U	JMC JMC1	JGL10 JGL10	JGU10 JGU10
			9.5				
Wall Mount 	3/4 1	SAFJ06-L2-U-LCG-W SAFJ06-L2-U-LCG-W1	12	SAFJ06L2U SAFJ06L2U	JMW JMW1	JGL10 JGL10	JGU10 JGU10
			12				
25° Stanchion Mount 	1-1/4 1-1/2	SAFJ06-L2-U-LCG-S SAFJ06-L2-U-LCG-S1	11	SAFJ06L2U SAFJ06L2U	JMS JMS1	JGL10 JGL10	JGU10 JGU10
			11				
90° Stanchion Mount 	1-1/4 1-1/2	SAFJ06-L2-U-LCG-L SAFJ06-L2-U-LCG-L1	12	SAFJ06L2U SAFJ06L2U	JML JML1	JGL10 JGL10	JGU10 JGU10
			12				

Refer to Certification Guide to determine suitability of individual fixture.

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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.

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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.

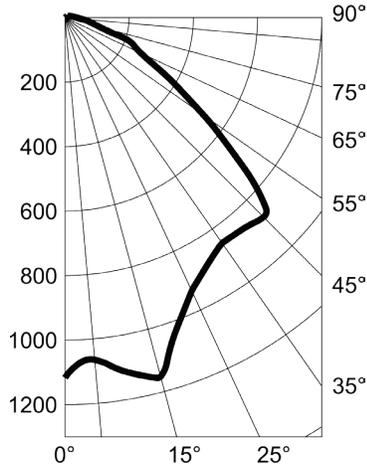
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Candlepower Distribution & Photometric Data

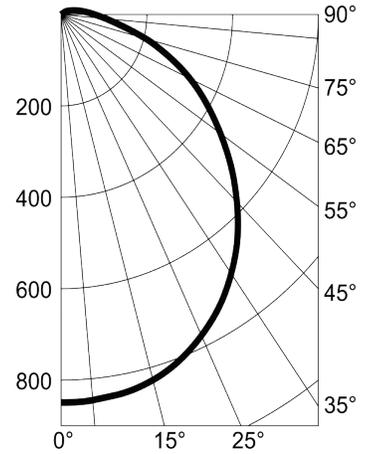
SAFJ03L2ULCXX

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



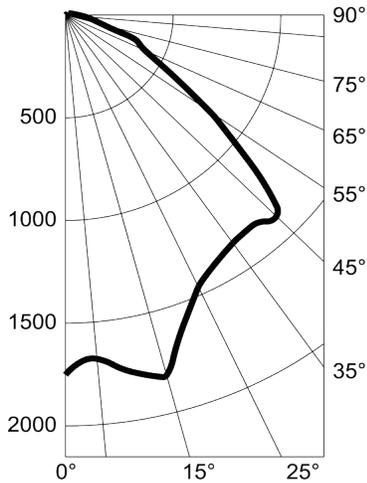
SAFJ03L2ULFXX

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



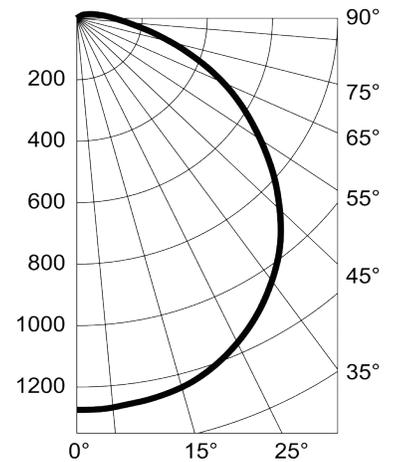
SAFJ06L2ULCXX

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



SAFJ06L2ULFXX

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



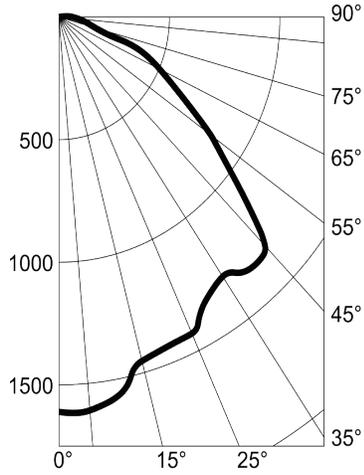
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Candlepower Distribution & Photometric Data

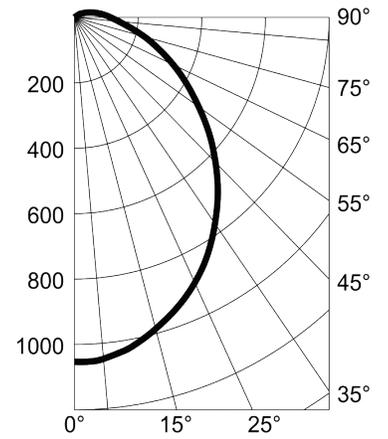
SAFJ06L2ULPCXX

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



SAFJ06L2ULPFXX

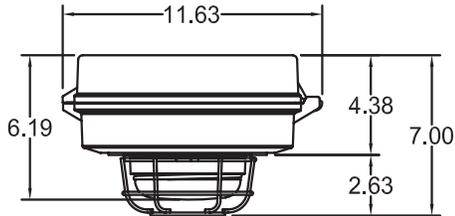
Deg.	Parl.
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5	1048
10	1024
15	986
20	944
25	895
30	837
35	770
40	701
45	327
50	553
55	477
60	408
65	343
70	282
75	228
80	178
85	140
90	114



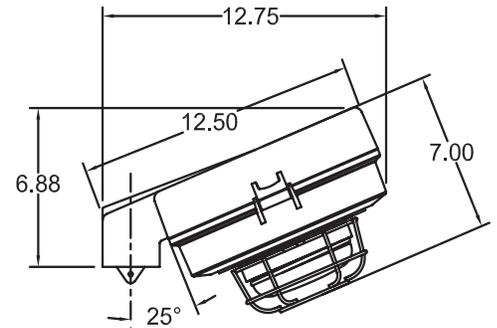
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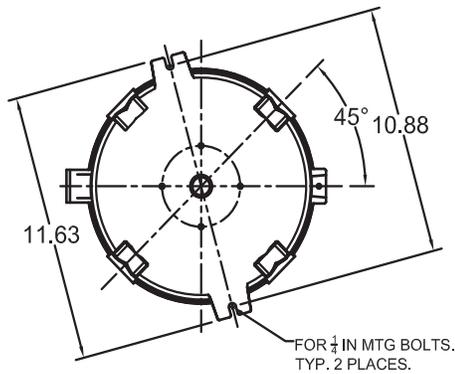
Fixture Dimensions (inches)



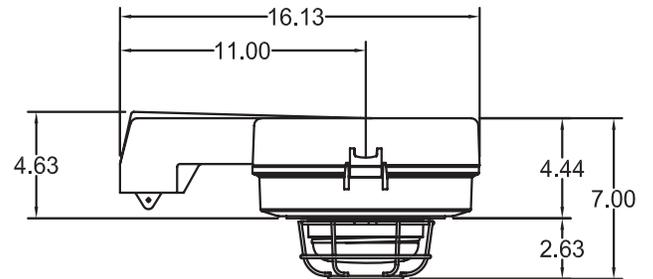
Pendant mount with threaded glass globe and guard.



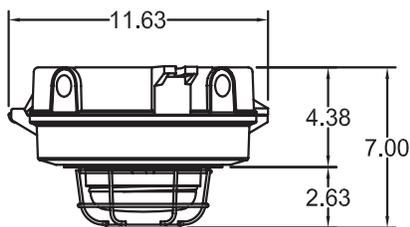
25° Stanchion mount with threaded glass and globe and guard.



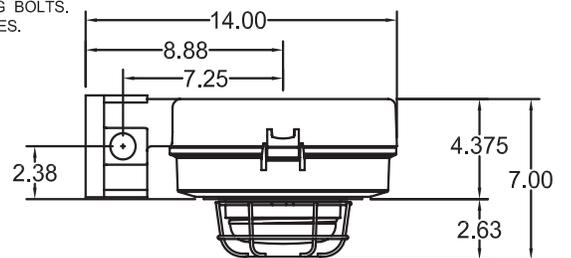
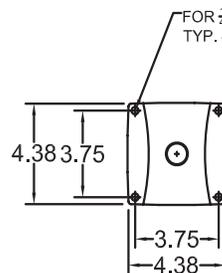
Ceiling mount with threaded glass globe and guard.



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.

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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 & 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



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