

MHL LED

Linear LED 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 2, Groups F & G
- Class III
- Class I, Zone 2, Groups IIA, IIB, IIC, Zone 22 (ANSI/UL 844)
- Zone 22
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- Emergency Battery Back-up

- -40°C to 65°C Ambient Temperature
- CSA C22.2 No. 250.0-08
- CSA C22.2 No. 137-M1981
- NEMA 4X
- ABS Type Approved
- IP66
- Tested to LM 79, LM 80
- Build America, Buy America Act (BABA) Compliant
- Buy American Act (BAA) Compliant

IECEx

- Ex nA nC IIC t4 Gc
- Ex tc IIIC T110°C Dc
- -35°C ≤ Tamb ≤ 55°C, IP66
- Certificate: IECEx ETL 17.0014X

ATEX

- CE  II 3 G
- II 3 G Ex nA nC IIC T4 Gc
- II 3 D Ex tc IIIC T110°C Dc
- -35°C ≤ Tamb ≤ 55°C, IP66
- Certificate: ITS16ATEX400961X



availinfra.com/rig-a-lite

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

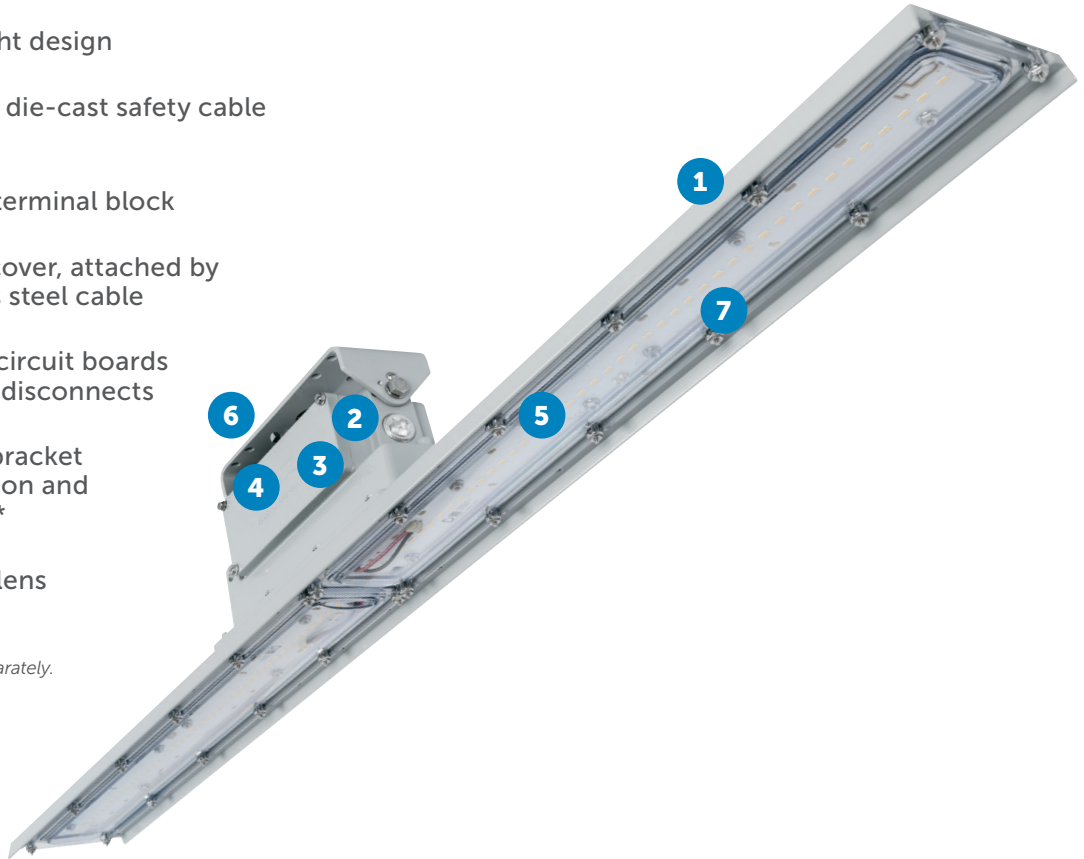
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Key Features

- 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 separately.
Please see options section.*



Additional Features

- Central safety cable attachment points for increased safety/reduced range of motion
- Feed-through capable
- Optional mounting bracket in various materials
- Optional end brackets for chain mount applications
- Emergency battery back-up
- Diffused lens option
- Standard 10kV surge protection
- 5-year warranty

Standard Materials

Body:

6061T5 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

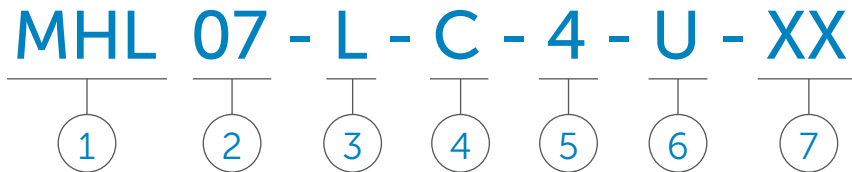
Hardware:

Stainless Steel

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Catalog Number Logic



1

SERIES

MHL = N. American Standards
EXMHL = ATEX and IECEx Standards

2

LAMP WATTAGE

04 = 30 Watt (2 foot)
05 = 37 Watt (2 foot)
06 = 40 Watt (2 foot)
07 = 54 Watt (4 foot)
09 = 72 Watt (4 foot)
11 = 80 Watt (4 foot)

3

LAMP TYPE

L = LED (4000K CCT)

4

LENS

C = Clear
D = Diffused³

5

NOMINAL FIXTURE LENGTH

2 = 2 Foot
4 = 4 Foot

6

VOLTAGE/FREQUENCY

U = 120 - 277V 50/60HZ
N = 347/480V 60HZ³
A = 120V 60HZ²
B = 220 - 240V 50/60HZ²
C = 277V 60HZ²

7

OPTIONS

RIG = Painted Aluminum Mounting Bracket & (2) Safety Cables
RIGPS = Painted Steel Mounting Bracket & (2) Safety Cables
RIGSS = Stainless Steel Mounting Bracket & (2) Safety Cables
MB = Painted Aluminum Mounting Bracket
MBPS = Painted Steel Mounting Bracket
MBSS = Stainless Steel Mounting Bracket
EB = End Brackets Cable or Chain Suspension
HA = High Ambient 65°C Rated (72 Watt model only)³
EM = Emergency Battery Backup³
FB = Fuse Block
(Not Available with 347/480V)^{2,3}
30 = 3000K CCT
35 = 3500K CCT
50 = 5000K CCT

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.

³ Not available for IECEx or ATEX models.

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

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Certification Guide - MHL

Model	Length	Watts	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 Temp., °C
MHL04LC2	2 ft	30W	120V - 277V 50/60 Hz, 347V/480V 60Hz	3620	121	83	4069	-40°C < Tamb < 55°C	T4A	T4A	T4A	90°C
MHL05LC2	2 ft	37W		4833	131	83	4089	-40°C < Tamb < 55°C	T4A	T4A	T4A	90°C
MHL06LC2	2 ft	40W		5550	139	83	4072	-40°C < Tamb < 50°C	T4	T4	T4	90°C
MHL07LC4	4 ft	54W		7261	134	83	4105	-35°C < Tamb < 60°C	T4A	T4A	T4A	90°C
MHL09LC4	4 ft	72W		9757	136	83	4123	-35°C < Tamb < 60°C	T4A	T4A	T4A	90°C
MHL09LC4-HA	4 ft	72W	120V - 277V 50/60 Hz	9485	136	83	4123	-30°C < Tamb < 65°C	T4A	T4A	T4A	90°C
MHL11LC4	4 ft	80W	120V - 277V 50/60 Hz, 347V/480V 60Hz	11252	141	83	4071	-35°C < Tamb < 50°C	T4	T4	T4	90°C

Certification Guide - EXMHL

Model	Length	Watts	Operating Voltage	Total Lumens	Lumen per Watt	CRI	CCT	Ambient Temperature	Ex nA nC	Ex tc	Supply Wire Suitable Temp., °C
EXMHL04LC2	2 ft	30W	120V - 277V 50/60 Hz	3620	121	83	4069	-35°C < Tamb < 55°C	T4	110°C	90°C
EXMHL05LC2	2 ft	37W		4833	131	83	4069	-35°C < Tamb < 55°C	T4	110°C	90°C
EXMHL06LC2	2 ft	40W		5550	139	83	4072	-35°C < Tamb < 55°C	T4	110°C	90°C
EXMHL07LC4	4 ft	54W		7261	134	83	4105	-35°C < Tamb < 55°C	T4	110°C	90°C
EXMHL09LC4	4 ft	72W		9757	136	83	4123	-35°C < Tamb < 55°C	T4	110°C	90°C
EXMHL11LC4	4 ft	80W		11252	141	83	4071	-35°C < Tamb < 55°C	T4	110°C	90°C

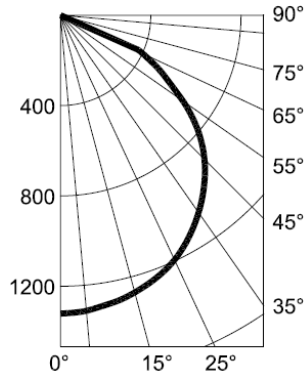
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Candlepower Distribution

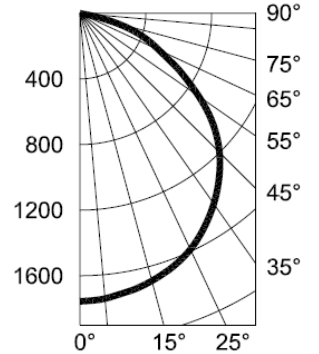
MHL04LC2UXX

Deg.	0.	30	60	90
0	1321.4	1321.4	1321.4	1321.4
10	1297.5	1294	1295.4	1295.5
20	1236.2	1235.2	1229.6	1238.6
30	1124.4	1124.5	1125.2	1135.7
40	979.7	980.6	981.8	989.3
50	776.3	780.1	787.2	799.2
60	547	535.7	529.1	527.1
70	275.6	263.3	277.6	319.5
80	56.7	52	2.1	0.7
90	1.9	0.1	0	0



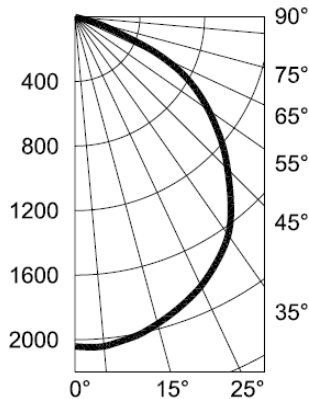
MHL05LC2UXX

Deg.	0.	30	60	90
0	1755.9	1755.9	1755.9	1755.9
10	1724.1	1719.5	1721.3	1721.4
20	1642.7	1641.3	1633.8	1645.8
30	1494	1494.1	1495.2	1509
40	1301.8	1303	1304.5	1314.5
50	1031.5	1036.6	1046	1062
60	726.8	711.8	703	700.4
70	366.3	349.8	368.9	424.5
80	75.4	69.1	2.8	1
90	2.6	0.1	0	0



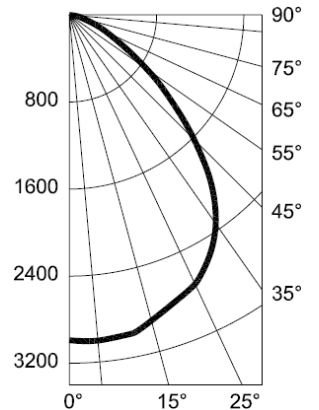
MHL06LC2UXX

Deg.	0.	30	60	90
0	2041	2041	2041	2041
10	2002.6	2003.5	2017.9	2018.2
20	1907	1914.5	1904.1	1907.3
30	1745.6	1748	1747.3	1752.4
40	1536.9	1523.9	1521.8	1498
50	1213.2	1220.4	1167.1	1172.1
60	862.8	835.7	820.1	832.5
70	455.4	430.4	461.2	266.8
80	99.3	72.5	12.7	9.7
90	3.3	.2	0	0



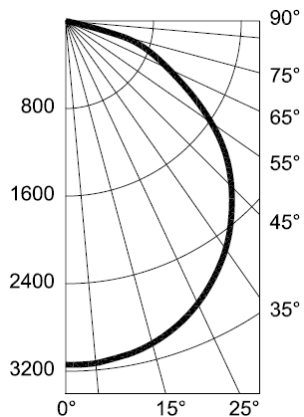
MHL07LC4UXX

Deg.	0.	30	60	90
0	2989.1	2989.1	2989.1	2989.1
10	2979.4	3013.9	2951.2	2979.6
20	2999.6	2967.6	2820.4	2826.5
30	2923.4	2865.5	2626.8	2564.9
40	2541	2541	2155.9	2022.5
50	1619.1	1379.1	1133.3	1229.3
60	749.5	634.4	505.6	571
70	312.2	375.6	298.5	242.6
80	97.3	209.5	110	89.4
90	11.3	55.1	41.2	36.1



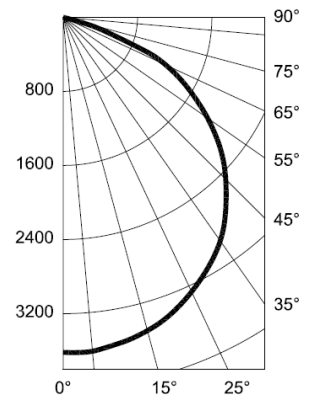
MHL09LC4UXX

Deg.	0.	30	60	90
0	3138.7	3138.7	3138.7	3138.7
10	3128.3	3131.2	3108.2	3095.3
20	3149.8	3106.8	2980.3	2967.7
30	3100.4	3046	2789.6	2705.1
40	2989.1	2920	2461	2350.4
50	2542.8	2489.4	2021.1	1906
60	1836.4	1791.3	1415.9	1309.8
70	993.9	949.7	799.2	783.2
80	253.9	216.9	29.4	18.4
90	8	2.8	0.2	0.2



MHL11LC4UXX

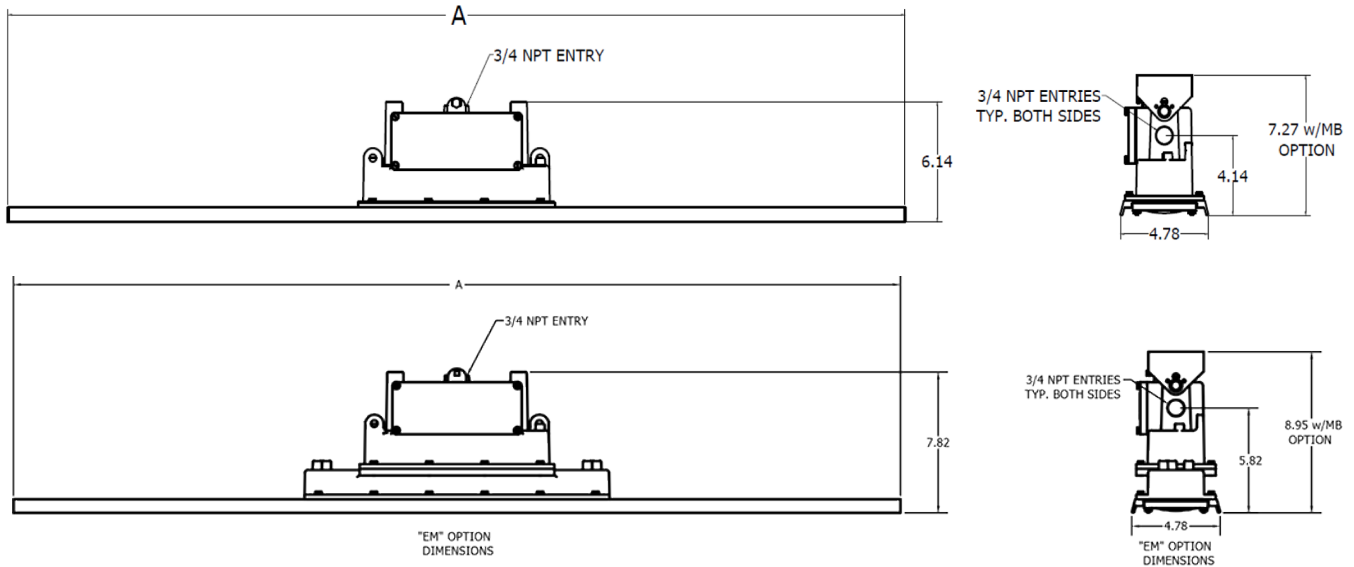
Deg.	0.	30	60	90
0	3617.3	3617.3	3617.3	3617.3
10	3611.3	3605.4	3571.7	3560.9
20	3624.8	3570.6	3424.7	3403.1
30	3635.8	3500.5	3207.1	3118.6
40	3520.1	3349.1	2872.5	2727.7
50	2936.8	2869	2348.2	2205.4
60	2160.3	2072.4	1675.7	1567.1
70	1152.5	1111.5	1005.1	722.6
80	281.6	216.3	23	17.2
90	11.3	4.8	0.3	0.2



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Fixture Dimensions (inches)



Nominal Fixture Length	Dimensions (inches)	Boxed Weight	Shipping Volume (Boxed Fixture)
	A		
4 ft. Models	48.00	18 lbs.	1.47 cu. ft.
2 ft. Models	24.00	10 lbs.	.76 cu. ft.

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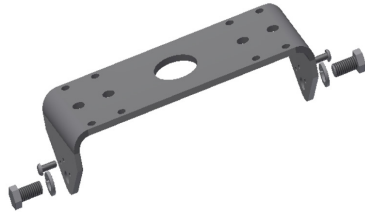
Accessories

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.



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