

MHD2 LED

Non-metallic heavy duty LED luminaire for hazardous locations



Key Features

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



Additional Features

- Vibration dampening, factory-installed mounting feet
- Dimmable driver
- Optional polycarbonate lens
- 10 kV standard surge protection
- 5-year warranty

Standard Materials

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

Classifications

- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class III
- UL 844 Hazardous Locations
- Class I, Zone 2, Groups IIA, IIB, IIC, Zone 22 (ANSI/UL 844)
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- UL 924 Emergency Lighting
- Tested to LM 79 & LM 80
- CSA C22.2 #137
- CSA C22.2 #213
- NEMA 4X
- ABS Type Approved
- IP66
- 55° C Ambient Temperature

Certification Guide

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumens 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
MHD207L24U	4 ft	48W	120V - 277V 50/60 Hz	7437	155	83	4083	-20°C < Tamb < 55°C	T5	T5	105°C
MHD209L24U	4 ft	63W	120V - 277V 50/60 Hz	10180	161	83	3989	-20°C < Tamb < 55°C	T5	T5	105°C
MHD211L24U	4 ft	74W	120V - 277V 50/60 Hz	10860	146	83	4089	-20°C < Tamb < 55°C	T5	T5	105°C

MHD2 07 - L2 - 4 - U - XX



1
SERIES
MHD2 Non-Metallic LED

2
LAMP CURRENT/LAMP WATTAGE
07 = 48 Watt
09 = 63Watt
11 = 74 Watt

3
LAMP TYPE
L2 = LED (4000K CCT)

4
NOMINAL FIXTURE LENGTH
4 = Four Foot

5
VOLTAGE/FREQUENCY
U = 120 - 277 50/60HZ
N = 347V/480V 60HZ
A = 120V 60HZ¹
B = 220 - 240V 50/60HZ¹
C = 277V 60HZ¹

6
OPTIONS¹
P = Polycarbonate Lens
FB = Fuse Block¹
TW = Thru Wire
Cable Installations Only
PM = Pendant Mount
EM = Emergency Battery Backup
30 = 3000K CCT
35 = 3500K CCT
50 = 5000K CCT



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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.

Part numbering logic is for explaining part number structure only. Not all combinations are possible; consult factory for catalog numbers not listed on chart.