

MHDS LED

Stainless steel lighting for hazardous locations



Key Features

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

Additional Features

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

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
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- ABS type approved
- UL 924 Emergency Lighting
- Tested to LM 79 & LM 80
- CSA C22.2 #137
- CSA C22.2 #213
- 55° C Ambient Temperature
- NEMA 4X
- IP66

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

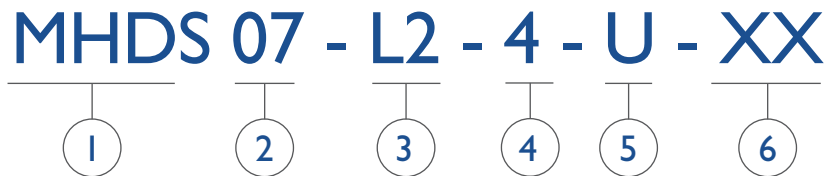
Mounting feet: Stainless steel

Hardware: Stainless steel



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
MHDS07L24U	4 ft	74W	120V - 277V 50/60 Hz	7794	104	84	4146	-20°C < Tamb < 55°C	T5	T5	105°C



1
SERIES
 MHDS Stainless Steel LED

2
LAMP CURRENT/LAMP WATTAGES
 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 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

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.