LEDSION

Hazardous Location LED Luminaire

Date:..... Location: .....

Product:..... Project:.....

Quantity:..... Catalog# .....



FEATURES

- 0-10V dimming
- High luminous efficacy - Up to 140 lumens per watt
- Battery backup function available
- Compact and robust structure, excellent reliability
- Various installation ways for different applications
- Great impact resistance with IK08/IK10 certified

SUITABLE APPLICATIONS

- Power Plants
- Heavy Industrials Storage Facility
- Paper mills
- Wastewater Treatment Plants
- Loading Docks Platforms
- Offshore Environments
- Chemical Processing Facility
- Petrochemical Processing Facility
- Metallurgical Industry
- Coal Mine
- Food and Alcohol industry

CONSTRUCTION:

The D Series LED luminaire is the ideal choice for marine and hazardous applications. They can be used in locations where moisture, dirt, dust, corrosion and vibration may be present, or areas where wind, water, snow or high ambient can be expected.

Compliance:

UL 844 Hazardous Locations Certification
Class I, Division 2, Groups A, B, C, D/Class I, Zone 2, Group IIC
Class II, Division 1, Groups E, F, G/Class II, Division 2, Groups F, G
Class II, Zone 21, Group IIIC/Class III
UL 844 Hazardous Locations Certification
UL 1598 Wet Locations/UL 1598A Marine Outside Type
UL 924 Emergency Lighting

WARRANTY:

5-Year Standard Warranty
LED lumen Maintenance: L70> 150,000 Operation Hours@55°C

INSTALLATION&MOUNTING:

CeilingMounting, WallMounting

PERFORMANCE

Model NO	Power Factor	Wattage	Beam Angle	Voltage/CurrentInput	Light Efficiency	Kelvin Options
				120V/277V		
EX-150W A3D50D120	0.95	150W	120°	1.25/0.54A	140LM/W	5000K

PRODUCT ORDERING GUIDE

EX-150W A3D50D120 (1 2 3 4 5 6)

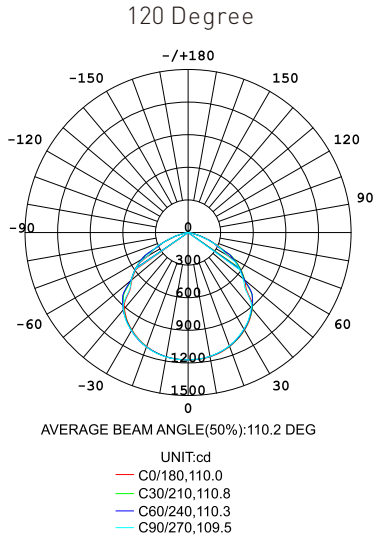
EX | 150W | A3 | D | 50 | D120

☑	EX	Hazardous Location LED Luminaire	☑	150W	Power	☑ A3	Shell Shape Series
☑	D	Dimmable	☑	50	Kelvin	☑ D120	Beam Angle

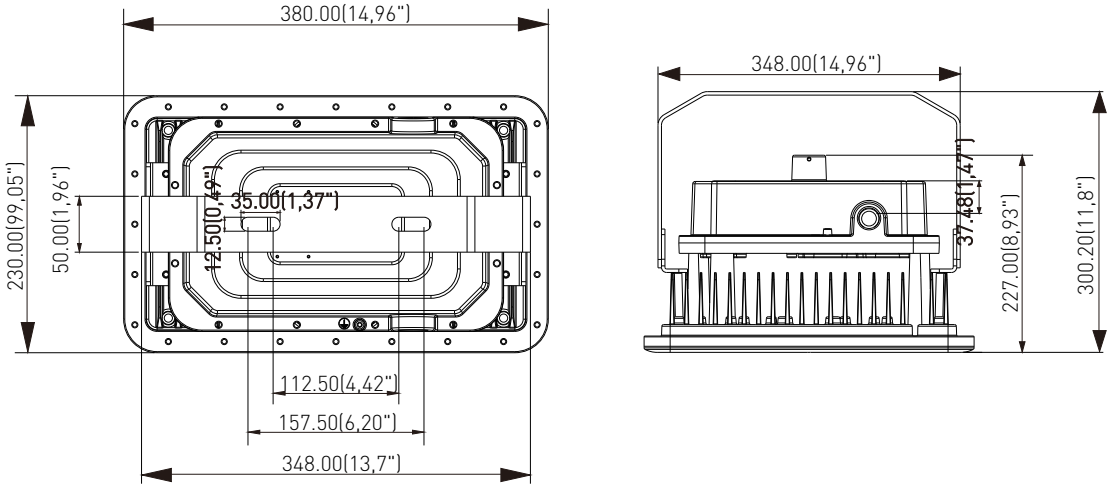
Electric Characteristic D:

Specification/Model	EX-150W A3D50D120
Dimming	0-10Vdimming
Input power	150W
Lumens output	21000LM
Efficiency	140LM/W
CRI	>72
CCT	5000K
Input voltage	100-277VAC
Light distribution type	120°
Working temperature	-40°F to 131°F
Housing Material	Die-cast aluminum
Diffuser	Tempered glass
Lens	Tempered glass & PC
Protection	IP66/IP67/IK08 (glass cover) Ik10 (with wire guard)
Mounting	Ceiling, Wall,
Cable Entry	Side3/4 NPT
Equivalent	300-450WMH/HPS

DISTRIBUTION DIAGRAM

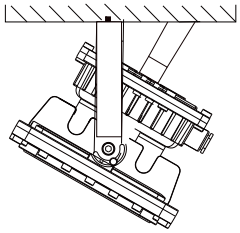


DIMENSION Unit: mm [inch]



Mounting Methods and Accessories

- Option 1: Ceiling Mounting

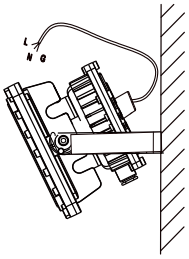


- Accessory



Bracket

- Option 2: Wall Mounting



- Accessory



Bracket