



Explosion Proof Light D Series



Industrial Field & Hazardous Locations

Applications

Oil and Gas industry

- All petroleum production and refining
- Petroleum loading and transportation
- Petroleum storage and retail
- LNG industry

All mining operations and service

Chemical industry

- All types of paint facilities
- Chemical production and storage

Ocean, marine and aerospace field

- Ocean platform operation facilities and structure
- Aerospace clean room and production
- Ocean vessel operations

Metal treatment

- Steel and aluminum factories
- Pumping stations in any environment
- Metal smelting, foundry and fabrication

Food and alcohol industry

- Flour and fine particle production and storage
- Food and distilling production
- Alcohol industry

Other high humidity, high dust, high temperature, vapor locations



Explosion Protection

Marking UL844(North American)
 Class I, Div. 1, Groups C, D
 Class I, Div. 2, Groups A,B,C,D
 Class II, Div. 1, Groups E,F,G
 Class II, Div. 2, Groups F,G
 Class III

Marine Marking
 UL 1598A
 ABS

Other Rating
 IP 66
 IK 10



Materials

- Housing: Aluminum
- Lens: Tempered glass
- Hardware: stainless steel
- Mounting Bracket: stainless steel



Specification

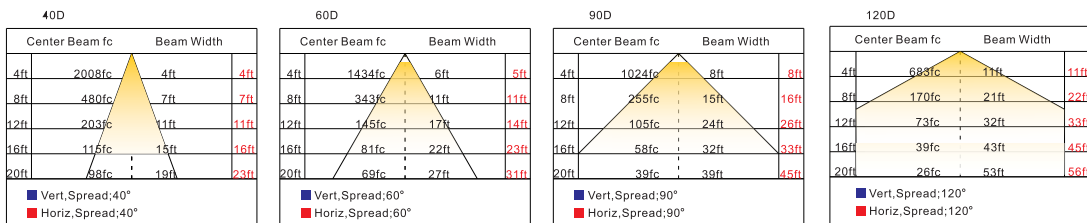
| Model | Wattage | Color Temperature | Voltage | Lumens | Warranty | CRI | Emergency Time |
|---------------|---------|-------------------|--|--------|----------|-----|----------------|
| EX-20W D2YZDA | 20W | 2200K-7000K | AC100-277V (by driver or by IC) Or AC200-480V (<65W) Or DC12-48V | 2800 | 5 years | 80 | 3 Hours |
| EX-40W D2YZDA | 40W | | | 5600 | | | |
| EX-60W D2YZDA | 60W | | | 8400 | | | |
| EX-80W D2YZDA | 80W | | | 11200 | | | |
| EX-100W DYZDA | 100W | | | 14000 | | | |
| EX-150W DYZDA | 150W | | | 21000 | | | |
| EX-200W DYZDA | 200W | | | 28000 | | | |
| | | | | | | | |

"D,D2"=Product series; "Y"=D or N: Dimmable or non-dimmable; "Z"=CCT, from 2200-7000K; "D"=Beam angle, D40 for 40°, D60 for 60°, D90 for 90°, D120 for 120°; A for glass info.: blank for flat glass.

Packing Information

| Model | Quantity/Ctn | Dimension(MM) | Net weight(KG) | Gross weight(KG) |
|-------|--------------|---------------|----------------|------------------|
| D | 1 | 502×376×350 | 17.9 | 19.5 |
| D2 | 1 | 400×385×335 | 7 | 9.5 |

Light Distribution



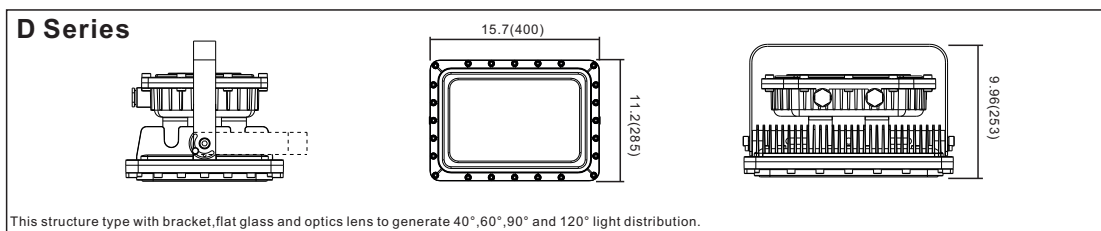
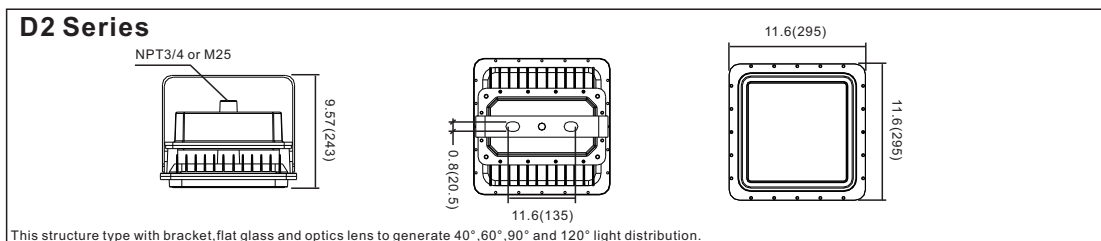
LED HAZARDOUS LOCATIONS LIGHT - MS Series D

Features

- Working Temperature: -40 °C ~ +55°C.
- High quality SMT LED and Meanwell Driver.
- Light-weight design by aircraft aluminum.
- Heavy-duty and high impact resistance.
- Three connection cable entry points.
- Replaceable LED board and drivers.
- Integrated junction box for driver with emergency back up.
- Dimmable and battery back up function available.
- Marine rating powder coated appearance treatment.
- Up to 5 years limited warranty option.
- Emergency Battery back up to three hours.
- Various installation ways for different applications.
- Glass lens or Glass with polycarbonate lens to make bigger beam angle.

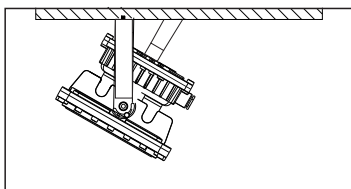


Dimension Unit: mm or inch

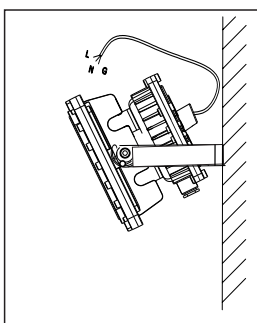


Mounting

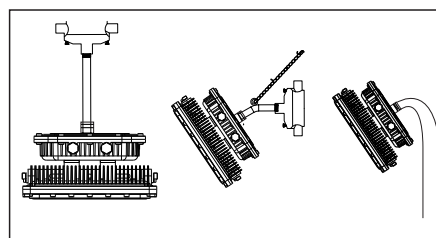
No. 1: Ceiling Mounting



No. 2: Wall Mounting



No. 3: Pole Mounting



LED HAZARDOUS LOCATIONS LIGHT - MS Series D



D



D2

Accessories

Junction Box



Bracket



Straight Pipe



Chain



Metal Conduit



Bended Pipe

