LED Explosion Proof Light
D Series



TECHNICAL SPECIFICATIONS - D Series

Certifications

UL844	Marine
Class I, Division 1, Groups C,D	UL 1598
Class I, Division 2, Groups A,B,C,D	UL1598A
Class II, Division 1, Groups E,F,G	ABS
Class II, Division 2, Groups F,G	IP66
Class III	IK10

Features

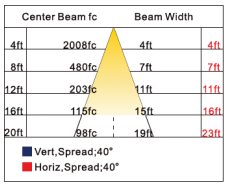
- Dimmable and battery backup function is available.
- High-quality SMT LED and Meanwell driver.
- Heavy-duty and high impact resistance.
- Replaceable LED board and drivers.
- Integrated junction box for driver.
- Marine rating powder coated finish treatment.
- Various installation ways for different applications.
- Glass lens or polycarbonate lens for making different beam angles.
- Emergency battery backup is available.
- 5-year warranty.
- Low temperature applications to -40°C (-40°F) and high temperature up to 55°C (131°F).

Standard Materials:

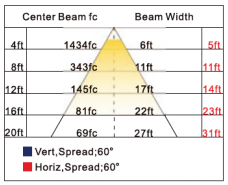
- Housing: Copper-free aluminum
- Lens: Tempered glass
- Hardware: Stainless steel
- Mounting Bracket: Stainless steel

Typical applications include:

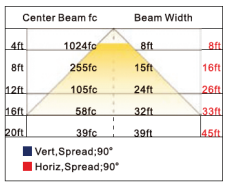
- Oil and gas industry
- Ocean, marine and aerospace field
- Food and alcohol industry
- Chemical industry
- Metal treatment
- Other high humidity, high dust, high temperature, vapor locations.



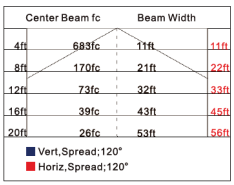
40°



60°



90°



120°

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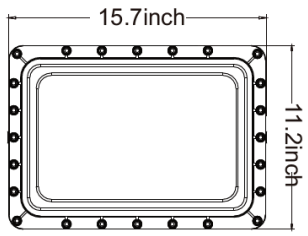
TECHNICAL SPECIFICATIONS - D Series

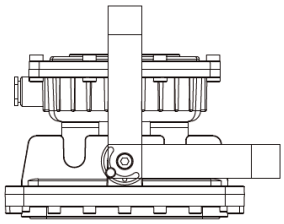
Technical Data

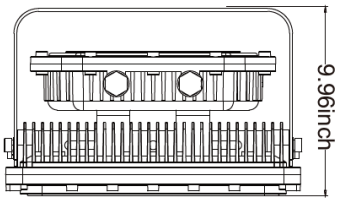
Model	Wattage	Operating Voltage	Lumens (lm)	Efficacy (lm/W)	CRI	CCT	Emergency Time
EX-20W D2YZDA	20W	AC100-277V/200-480V or DC12-48V	2,800	140	>70	2200K-7000K	3 hours
EX-40W D2YZDA	40W		5,600				
EX-60W D2YZDA	60W		8,400				
EX80W D2YZDA	80W		11,200				
EX-100W DYZDA	100W		14,000				
EX-150W DYZDA	150W		21,000				
EX-200W DYZDA	200W		28,000				
EX-220W DYZDA	220W		30,000				

DIMENSIONS D Series

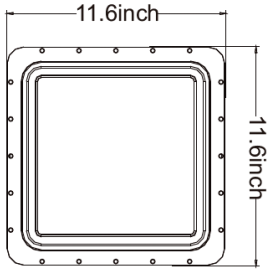
D Series

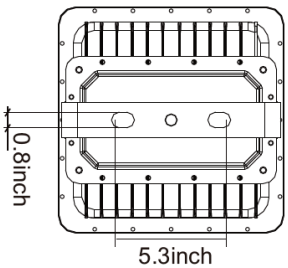


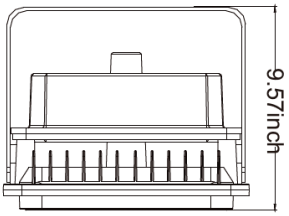




D2 Series







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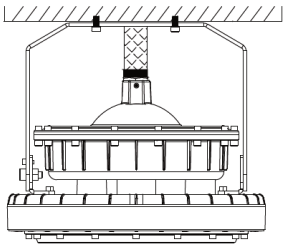
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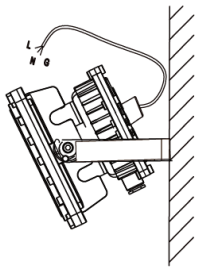
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MOUNTING METHODS
D Series

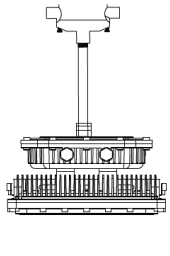
Ceiling Mounting:

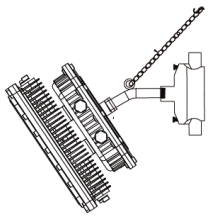


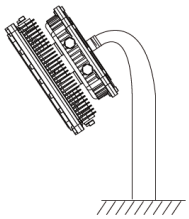
Wall Mounting:



Pole Mounting:







ACCESSORIES
D Series



Model: Ex-Junction Box
Name: Junction Box
Material: Aircraft Aluminum A383



Model: Ex-Straight Pipe
Name: Straight Pipe
Material: Iron



Model: Ex-Conduit 01
Name: Metal Conduit
Material: Stainless Steel and Aluminum



Model: EX-Bended Pipe
Name: Bended Pipe
Material: Iron



Model: Ex-Chain
Name: Pendant Chain
Material: Stainless Steel S30400



Model: Ex-Bracket
Name: U-bracket
Material: Stainless Steel

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