LED Explosion Proof Light
C Series



TECHNICAL SPECIFICATIONS - C Series

Certifications

ATEX	IECEx	UL844	Marine
II2 G Ex db IIB T5/T6 Gb	Ex db IIB T5/T6 Gb	Class I, Division 1, Groups C,D	UL 1598
II2 D Ex tb IIIC T80/90C Db IP66	Ex tb IIIC T80/90C Db IP66	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	

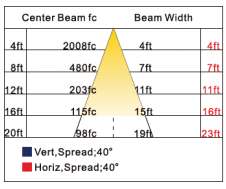
Features

- 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.
- Working Temperature: -40°C to 60°C (-40°F to 140°F); ATEX & IECEx (IC solution): -40°C to 80°C (-40°F to 176°F).

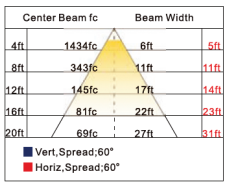
Standard Materials:

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

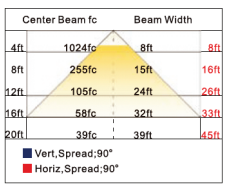
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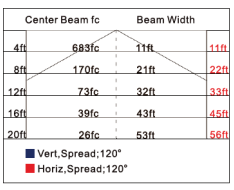
40°



60°



90°



120°

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.

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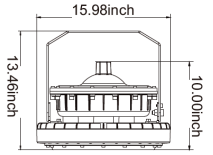
TECHNICAL SPECIFICATIONS - C Series

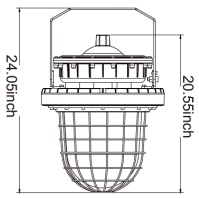
Technical Data

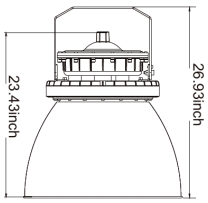
Model	Wattage	Operating Voltage	Lumens (lm)	Efficacy (lm/W)	CRI	CCT	Emergency Time
EX-20W C2YZDA	20W	AC100-277V/DC12-48V, AC200-480V	2,800	140	>70	2200K-7000K	3 hours
EX-40W C2YZDA	40W		5,600				
EX-60W C2YZDA	60W		8,400				
EX-80W C2YZDA	80W		11,200				
EX-100W CYZDA	100W		14,000				
EX-150W CYZDA	150W		21,000				
EX-200W C3YZDA	200W		28,000				
EX-250W C3YZDA	250W		35,000				
EX-250W B4YZDA	280W		39,000				

DIMENSIONS C Series

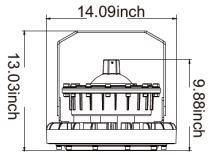
C Series

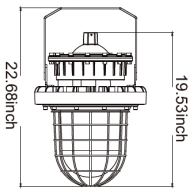


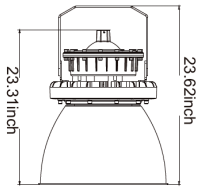




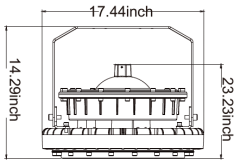
C2 Series

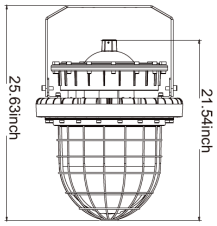


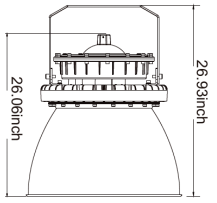




C3 Series







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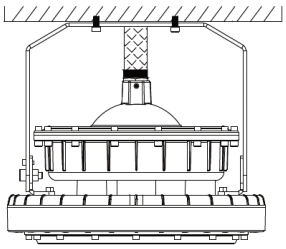
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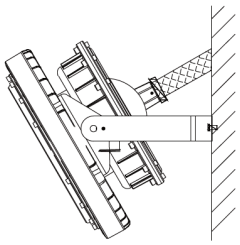
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MOUNTING METHODS
C Series

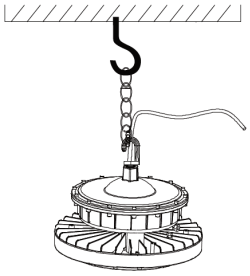
Ceiling Mounting:



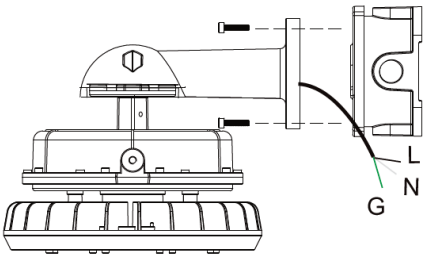
Wall Mounting:



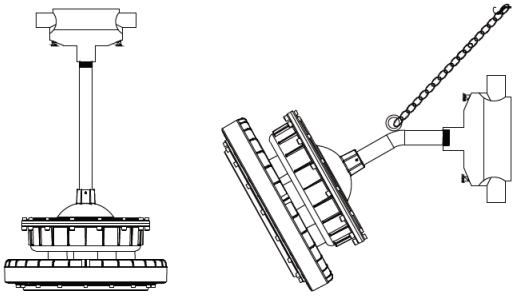
Hook Pendant Mounting:



Wall Mounting to Junction Box:



Pole Mounting:



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ACCESSORIES
C Series



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



Model: Ex-25° Arm Support
Name: 25° Arm Support
Material: Aircraft Aluminum A356



Model: Ex-D01
Name: Pendant Direction Adapter
Material: Aircraft Aluminum A383



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



Model: Ex-Lamp Shade
Name: Lamp Shade
Material: Aluminum A1070



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



Model: Ex-90° Arm Support
Name: 90° Arm Support
Material: Aircraft Aluminum A356



Model: Ex-Lamp Shade
Name: Cut off lamp shade
Material: Aluminum A1070



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



Model: Ex-Hook
Name: Installation Hook
Material: Aircraft Aluminum A383



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

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