

EXC

LED EXPLOSION PROOF LIGHT



EXC



EXC2



EXC3

DESCRIPTION: This luminaire can be used as a spot light, down light, tunnel light, flood light and wall pack for general illumination in hazardous locations.

Petroleum Production and Refinery

- Petroleum Loading and Transportation
- Petroleum Storage and Retail
- Paint Facilities
- Pumping Stations in any Environment
- Metal Smelting, Foundry and Fabrication
- Mining Operations and Service
- Ocean Platform Facilities and Structure
- Aerospace Clean Room and Production
- Chemical Production and Storage
- Ocean Vessel Operations
- Military Conditions

RATING AND CERTIFICATES

Marking Atex

- II2 G Ex db op is IIB T5/T6 Gb
- II2 D Ex op is tb IIIC T80/90C Db IP66

Marking IECEx

- Ex db op is IIB T5/T6 Gb
- Ex op is tb IIIC T80/90C Db IP66

Marking UL844 (North American)

- Class I, Division 1, Groups C, D
- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

Marine Marking

- UL 1598, UL1598A
- ABS

Other Rating

- IP 66
- IK 10

KEY FEATURES: High-quality SMT LED and Meanwell driver. Heavy-duty and high impact resistance. Replaceable LED board and drivers. Integrated junction box for driver. Dimmable and battery backup function is available. Marine rating powder coated finish treatment. Various installation ways for different applications. Glass lens or polycarbonate lens for making different beam angles.



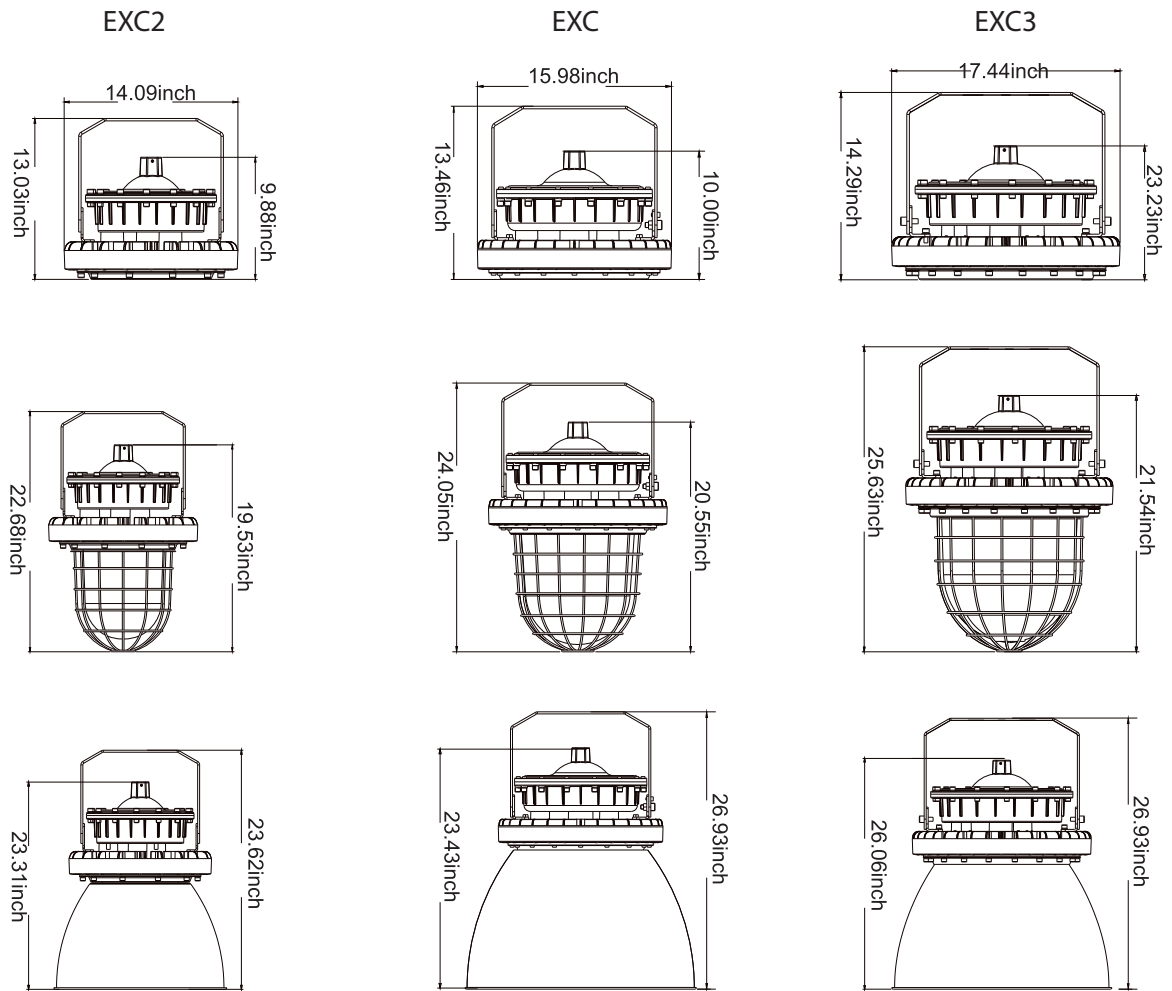
ORDERING INFORMATION. Example: EXC-1-100-D-30-D90-S

SERIES	VERSION	WATTAGE	DIMMING	CCT	BEAM ANGLE	GLASS TYPE
EXC	1 C 2 C2 3 C3	X SPECIFY FROM 20W TO 280W	D Dimmable N Non-dimmable	22 2200K 30 3000K 70 7000K	D40 = 40° D60 = 60° D90 = 90° D120 = 120°	Blank Flat Glass S Spherical Glass

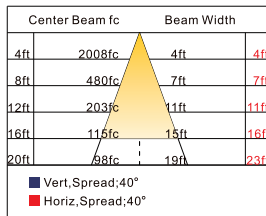
Technical Data:

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

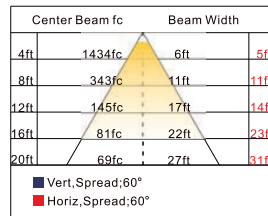
Dimensions:



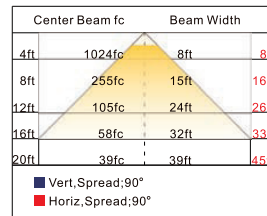
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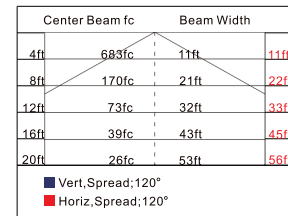
40°



60°



90°



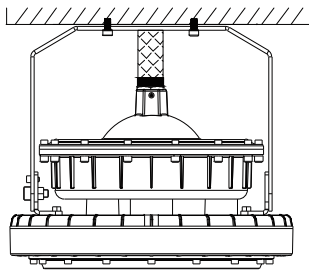
120°

Packing Information:

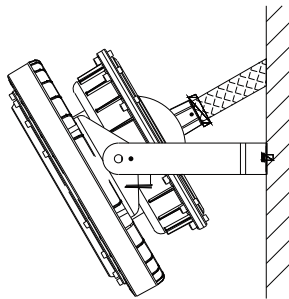
Model	Quantity/Carton	Packing Size	Net Weight	Gross Weight
EXC2	1 PCS	18.50x18.50x13.58inch	14 kg/ 30.86 lbs	16 kg/ 35.27 lbs
EXC	1 PCS	21.65x20.47x14.17inch	17.4 kg/ 38.36 lbs	19 kg/ 41.89 lbs
EXC3	1 PCS	21.85x21.85x13.58inch	21 kg/ 46.30 lbs	25 kg/ 55.12 lbs

Mounting Methods:

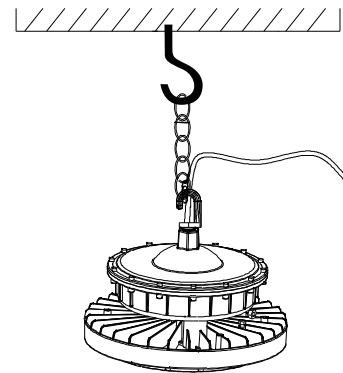
◆ Ceiling Mounting:



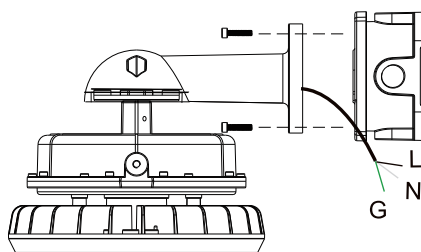
◆ Wall Mounting:



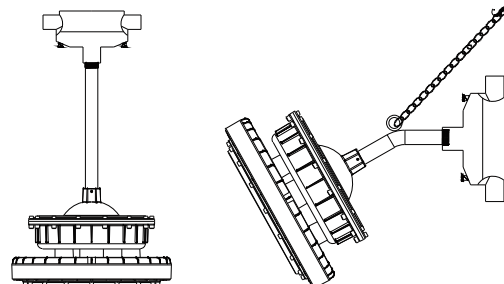
◆ Hook Pendant Mounting:



◆ Wall Mounting to Junction Box:



◆ Pole Mounting:



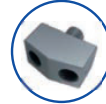
Accessories:



- 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

Application :

- Oil and gas industry
 - All petroleum production and refining
 - Petroleum loading and transportation
 - Petroleum storage and retail
 - LNG industry
 - All mining operations and service
- Ocean, marine and aerospace field
 - Ocean platform operation facilities
 - Aerospace clean room and production
 - Ocean vessel operations
- Food and alcohol industry
 - Flour and fine particle production and storage
 - Food and distilling production
 - Alcohol industry
- Chemical industry
 - All types of paint facilities
 - Chemical production and storage
- Metal treatment
 - Steel and aluminum factories
 - Pumping stations in any environment
 - Metal smelting, foundry and fabrication
- Other high humidity, high dust, high temperature, vapor locations.