LED Explosion Proof Light
O Series



TECHNICAL SPECIFICATIONS - O Series

Certifications

ATEX	IECEx	UL844	Marine	Other Rating
II 2 G Ex eb mb IIC T6 Gb	Ex Eb mb IIC T6 Gb	Class I, Division 2, Groups A, B, C, D	UL1598A	UL1598A
Il 2 D Ex tb IIIC T80 Db IP66	Ex tb IIIC T80 Db IP66	Class II, Division 2, Groups E, F, G		NEMA 3
		Class II, Division 2, Groups F, G		4X
		Class III		IP66

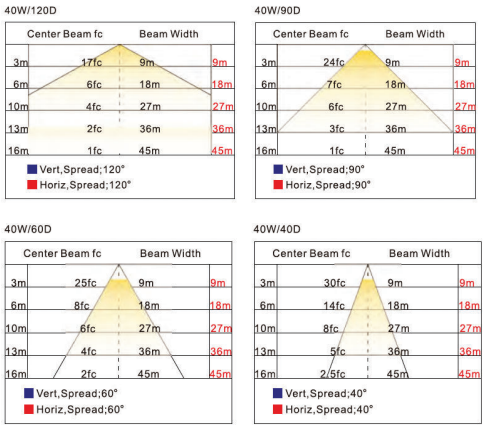
Features

- Compact structure, small size and light weight for easy installation.
- High vibration and impact resistance.
- Protective metal cage against potential damage.
- Tempered glass for high heat resistance.
- Mounting ways: pendant, wall and end bracket mountings.
- Beam angles are optional: 40°/60°/90°/120°.
- Low temperature applications to -20°C (-4°F) and high temperature up to 60°C (140°F).
- Best-in-class efficacy up to 140 lumens per watt.
- Environmentally Friendly 50,000 hours lifespan.
- Waterproof and dust-proof, without internal cleaning and maintenance.
- 5-year warranty.

Standard Materials:

- Housing: Copper-free aluminum
- Lens: Tempered glass

Photometry:



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.

A brighter future with Constellation Lighting

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21175 Tomball Parkway, Suite 114, Houston TX, 77070

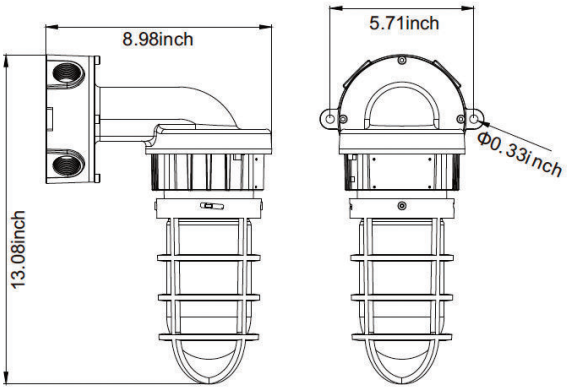
info@constellationlighting.us : www.constellationlighting.us

TECHNICAL SPECIFICATIONS - O Series

Technical Data

Model	Wattage	Operating Voltage	Total Lumens (lm)	Efficacy (lm/W)	CRI	CCT
EX-10W OYZDA	10W	AC100-277/220-480V	1,400	140	>70	2200K-7000K
EX-20W OYZDA	20W	AC100-277/220-480V	2,800			
EX-30W OYZDA	30W	AC100-277/220-480V	4,200			
EX-40W OYZDA	40W	AC100-277/220-480V	5,600			

DIMENSIONS & PACKING O Series



Model	Quantity/Carton	Packing Size	Net Weight	Gross Weight
EX-10W OYZDA	1 PCS	10.43x14.96x10.04inch	4.62kg/10.25lbs	5.4kg/11.90lbs
EX-20W OYZDA	1 PCS			
EX-30W OYZDA	1 PCS			
EX-40W OYZDA	1 PCS			

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INSTALLATION GUIDANCE:
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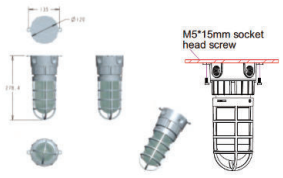
WARNING! Risk of fire, electric shock or personal injury. Please turn o ffpower before installation!

Features

- READ INSTRUCTIONS CAREFULLY BEFORE INSTALLING. KEEP THIS INSTRUCTIONS FOR FUTURE REFERENCE.
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY QUALIFIED ELECTRICIAN WHO IS FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDOUS INVOLVED.
- Fixtures must be wired in accordance with the National electrical code and all applicable local codes. Proper grounding is required for safety.
- Risk of fire or electric shock. Exit light installation requires knowledge of luminaires and electrical systems. DO NOT open the enclosure when energized. DO NOT try to install if not qualified. Please contact a professional electrician.
- Risk of fire or electric shock. Suitable for wet locations. Make sure the power is off prior to installation.
- Risk of fire or electric shock. Suitable for non-insulated surface and frame. DO NOT cover fixture with insulation liner or similar material.
- DO NOT install in unstable, loose or breakable surfaces.
- DO NOT let objects impact or exert force on the surface of the fixture.

MOUNTING METHODS
O Series

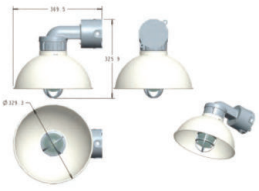
Ceiling Mounting:



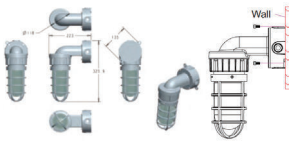
Pole Mounting:



90° Walling Mounting (with Reflector):



90° Wall Mounting:



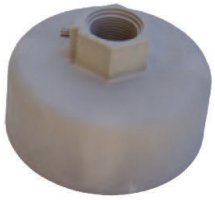
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ACCESSORIES
O Series



Pendent



Ceiling / Wall



Wall / Elbow



Ceiling / Wall
(Interior Detail)



Reflector



Extension



Globe



Guard



Heat Sink



Grey Blank



Clear

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