


Explosion Proof O Series

Mini Tunnel Light



Explosion Protection

Marking ATEX	 II 2 G Ex eb mb IIC T6 Gb II 2 D Ex tb IIIC T80 Db IP66
Marking IECEx	Ex Eb mb IIC T6 Gb Ex tb IIIC T80 Db IP66
Marking UL844 (North American)	Class I, Division 2, Groups A, B, C, D Class II, Division 2, Groups E, F, G Class II, Division 2, Groups F, G Class III
Marine Marking	UL 1598A
Other Rating	NEMA 3, 4X, IP66

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

Materials

- ★ Housing: copper free aluminum
- ★ Lens: glass



Basic Data

Product Number	Wattage	Color Temperature	Voltage	Lumens	Warranty	CRI
EX-10W OYZDA	10	2200K-7000K	AC100-277/220-480V	1400	5 years	>70
EX-15W OYZDA	15			2100		
EX-20W OYZDA	20			2800		
EX-30W OYZDA	30			4200		

"O"=Product code, "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, c for spherical glass.

Packing Information

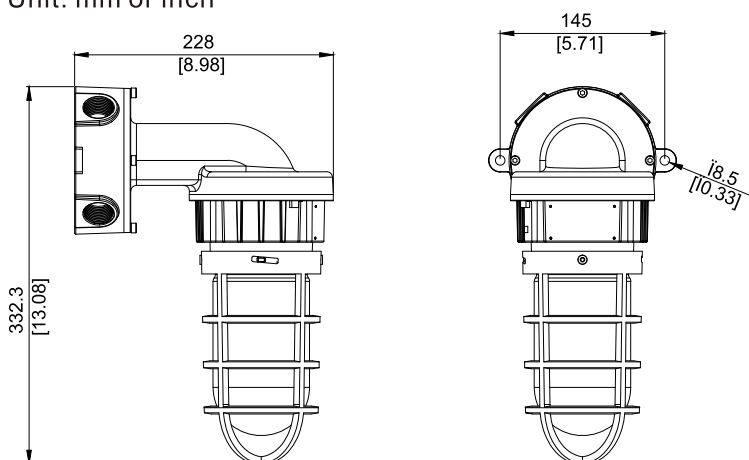
Model	Quantity/Carton	Packing Size(mm)	N.W(KG)	G.W(KG)
O	1	265*380*255	4.65	5.4

Key Features

- Compact structure, small size and light weight for easy installation.
- High vibration and impact resistant.
- Protective metal cage against light potential damage.
- Working Temperature: -20℃ ~ +60℃.
- Impact resistant and thermally stable toughened glass.

Mechanical Structure

Unit: mm or inch



Lighting Distribution

40W/120D

Center Beam fc	Beam Width
3m	17fc 9m 9m
6m	6fc 18m 18m
10m	4fc 27m 27m
13m	2fc 36m 36m
16m	1fc 45m 45m

■ Vert, Spread; 120°
■ Horiz, Spread; 120°

40W/90D

Center Beam fc	Beam Width
3m	24fc 9m 9m
6m	7fc 18m 18m
10m	6fc 27m 27m
13m	3fc 36m 36m
16m	1fc 45m 45m

■ Vert, Spread; 90°
■ Horiz, Spread; 90°

40W/60D

Center Beam fc	Beam Width
3m	25fc 9m 9m
6m	8fc 18m 18m
10m	6fc 27m 27m
13m	4fc 36m 36m
16m	2fc 45m 45m

■ Vert, Spread; 60°
■ Horiz, Spread; 60°

40W/40D

Center Beam fc	Beam Width
3m	30fc 9m 9m
6m	14fc 18m 18m
10m	8fc 27m 27m
13m	5fc 36m 36m
16m	2/5fc 45m 45m

■ Vert, Spread; 40°
■ Horiz, Spread; 40°

Installation Manual

WARNING

READ THIS INSTRUCTION CAREFULLY BEFORE INSTALLING. KEEP THIS INSTRUCTION FOR FUTURE REFERENCE.

Fixtures must be wired in accordance with the National electrical code and all applicable local codes. Proper grounding is required for safety.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A QUALIFIED ELECTRICIAN WHO IS FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

Warning: Risk of fire or electric shock. High bay Light installation requires knowledge of luminaires and electrical systems. If not qualified, DO NOT try to install. Please contact an electrician.

Warning: Risk of fire or electric shock. Suitable for wet locations. Make sure the power is off prior to install.

Warning: Risk of fire or electric shock. Suitable for non-insulated surface and frame. DO NOT cover fixture with insulation liner or similar material.

Warning: DO NOT install in unstable, loose or breakable surfaces.

Warning: DO NOT let objects impact or exert force on the surface of the fixture.

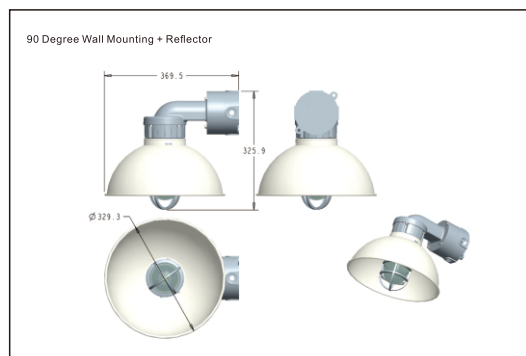
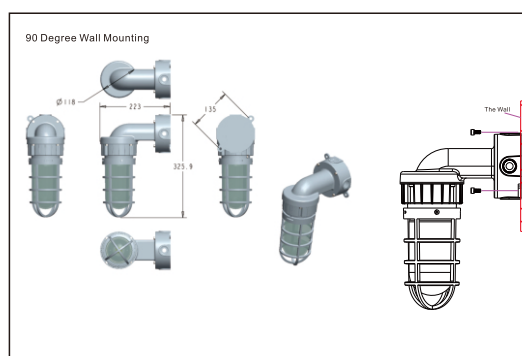
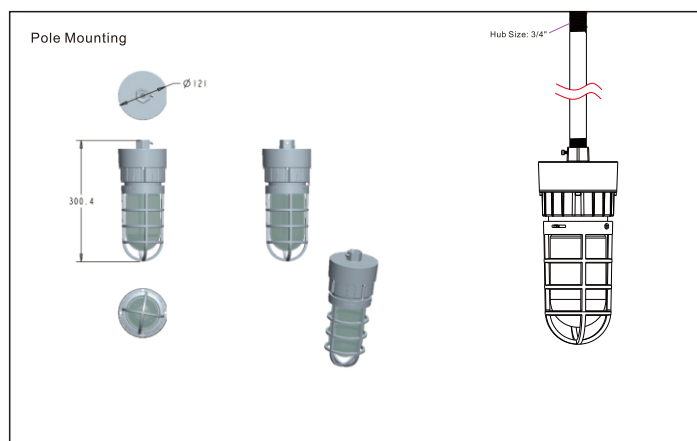
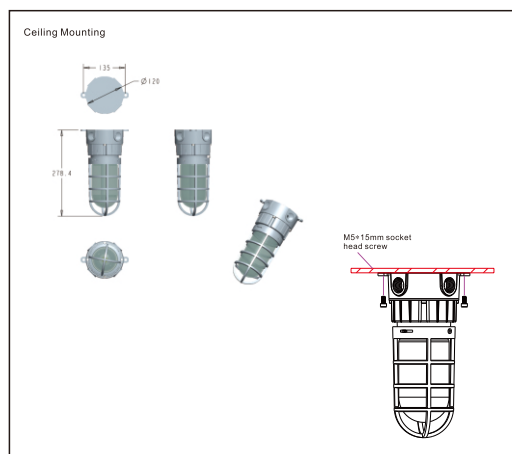


WARNING

Risk of fire, Electric shock or personal injury
Before installation, turn off power!

Mounting Methods

Unit: mm or inch



Accessories and Spare Parts



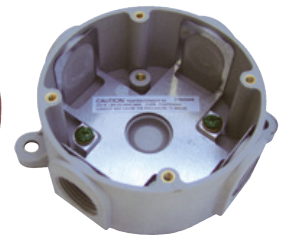
Pendent



Ceiling/Wall



Wall Elbow



Ceiling/Wall
(Interior Detail)



Incandescent



Fluorescent



Globe



Guard



Reflector



Extension



Gray Blank



Clear

