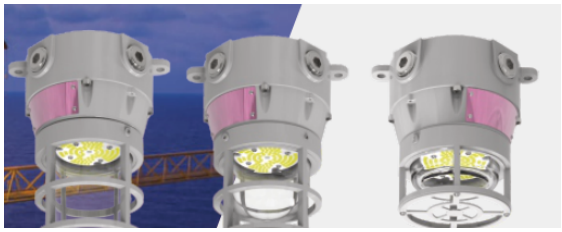
HLOS-V

Hazardous Location LED Luminaire, O Series, 15 W to 40 W, IP66

Hazardous Location LED Luminaire



The O Series LED luminaire is the ideal choice for marine and hazardous applications. It can be used in locations where moisture, dirt, dust, corrosion and vibration may be present, or areas where wind, water, snow or high ambient can be expected. Compact structure and small size, ideal for use in various places where spot light is required, such as mine, brewery, aisle, etc.

Features

- Metal guard included for additional protection
- Tempered glass lens and PC lens optional, available in different colors
- Three lens lengths: long, medium, short
- Four types of light source: columnar SMT, cone SMT, flat SMT, COB
- Three types of heat sink cover
- Four mount structures: ceiling, pole, wall, wall with rotating cap
- Compact structure, small size and light weight for easy installation
- Reflector available

Application

- Heavy industrials storage facility
- Coal mine
- Chemical processing facility
- Power plants
- Petrochemical processing facility
- Offshore environments
- Wastewater Treatment Plants
- Food and alcohol industry

Compliance

- UL 844 Hazardous Locations
- Class I Division 2, Groups A, B, C, D
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- UL 8750 LED Safety
- ABS
- IP66
- IK08

Electrical

Rated power	15W / 20W / 25W / 30W / 35W / 40W
Input voltage	120-347VAC
Frequency / power factor	50/60Hz / > 0.95
Emergency	Optional (1.5 hours)

Optical

Lumen output	1500lm-4000lm
Efficacy	100lm/W
CCT / CRI	2000K / 3000K / 4000K / 5000K / 5700K / 6500K / R / G / > 70
Dimming	0-10V dimming

Environmental and Mechanical

Ambient temperature, normal	T6 / T80°C: -40°C to +25°C; T5 / T95°C: -40°C to +40°C; T4 / T130°C: -40°C to +60°C
Ambient temperature, emergency	T4 / T130°C: -10°C to +40°C
Housing	Copper-free aluminum
Lens	Tempered glass / PC (both frosted and clear available)
Protection	IP66 / IK08
Mounting	Ceiling, pole, wall (90° / rotatable)
Outlet	Regular 1 meter
Cable entries	Four entries on the side wall of the housing for M25, M20, NPT 1/2" or NPT 3/4" certified cable glands or stopping plugs

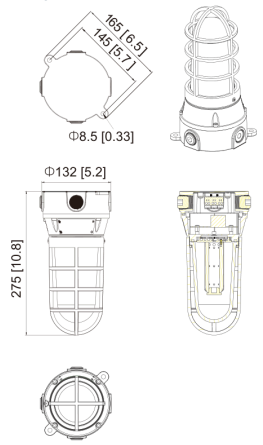
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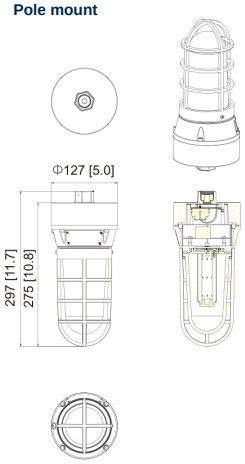
Dimensions, mm [inch]

Without emergency, long

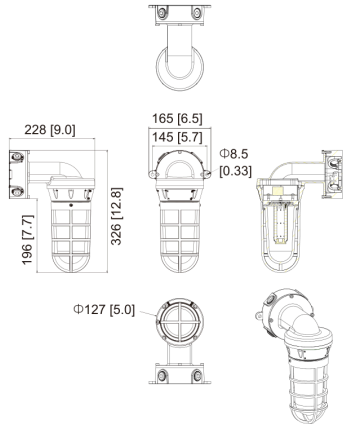
Ceiling mount



Pole mount

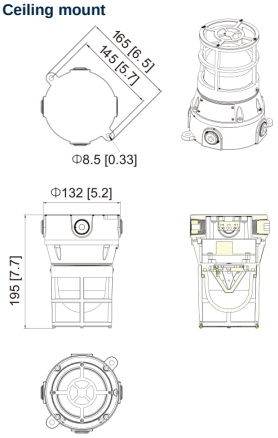


90° wall mount

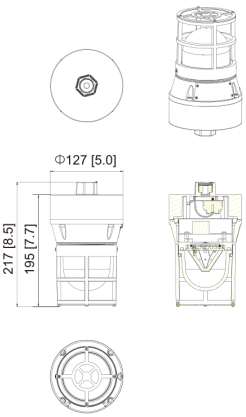


Without emergency, medium

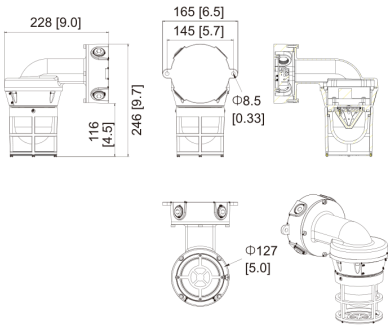
Ceiling mount



Pole mount

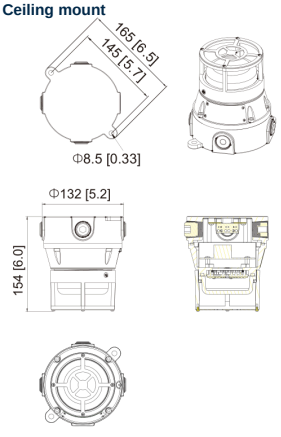


90° wall mount

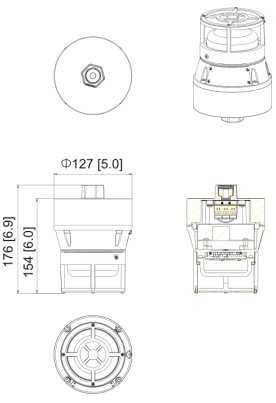


Without emergency, short

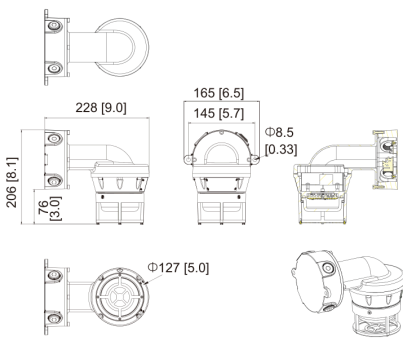
Ceiling mount



Pole mount



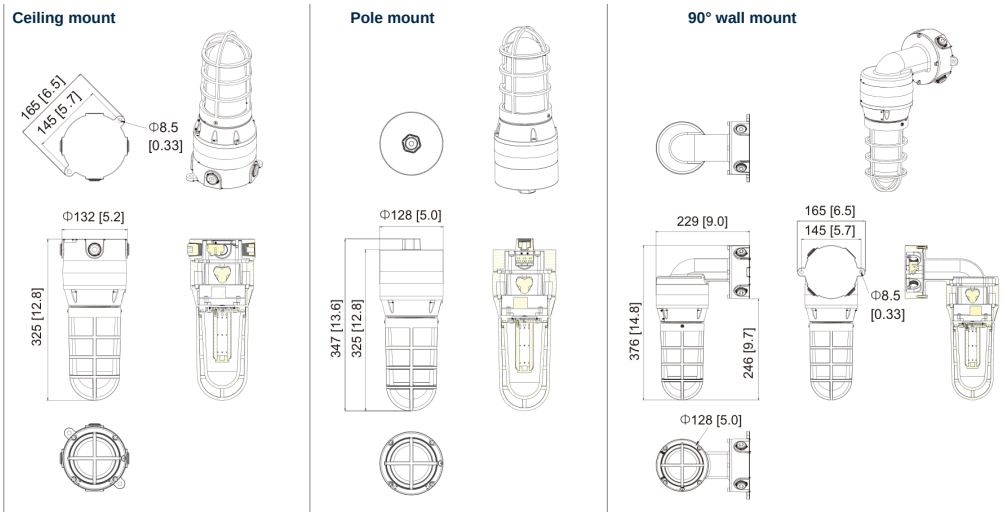
90° wall mount



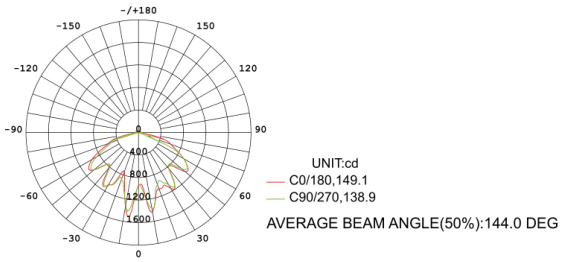
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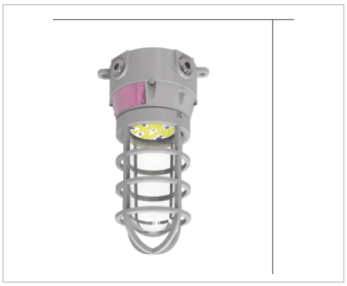
With emergency, long



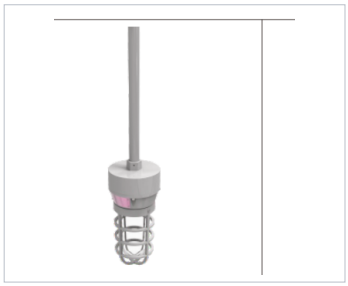
Photometric



Mounting Methods



1. Ceiling mount (M1)



2. Pole mount (M2)



3. Wall mount, 90° (M3)



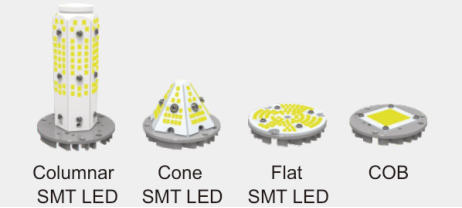
4. Rotating cap wall mount (M4)

HLOS-V

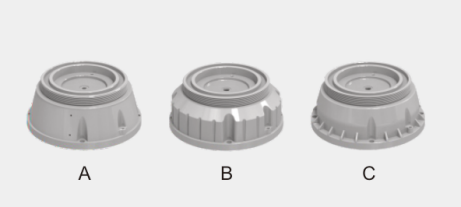
Hazardous Location LED Luminaire, O Series, 15 W to 40 W, IP66

Accessories and Spare Parts

Light source types



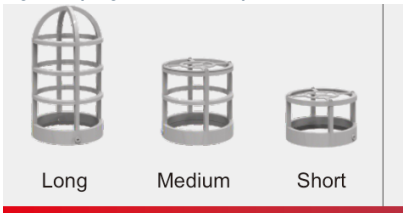
Heat sink covers (A, B, C)



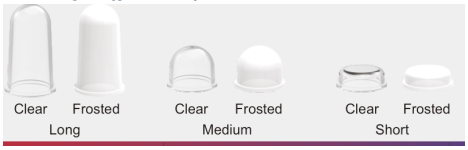
Reflector



Metal guards (long, medium, short)



Lens lengths (glass / PC)



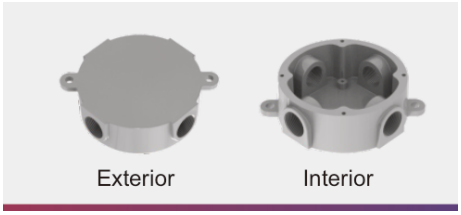
Rotating cap



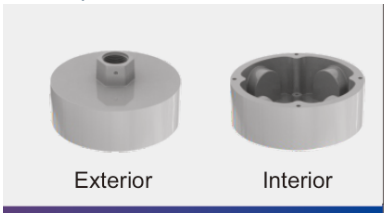
Lens colors (tempered glass)



Ceiling mount cap



Pole mount cap



Pole (ordered separately) and 90° wall mount arm



Ordering Guide

Example: HLOS-V-30W-O2-D-40-D120-MGG-A-M1-M

#	Field	Options
1	**Model**	HLOS-V (O Series hazardous location luminaire)
2	**Rated input wattage**	15 / 20 / 25 / 30 / 35 / 40W
3	**Lamp enclosure heatsink**	O2
4	**Dimming**	D = Dimmable Blank = Non-dimmable
5	**CCT**	20 = 2000K 30 = 3000K 40 = 4000K 50 = 5000K 57 = 5700K 65 = 6500K R G
6	**Degree**	D120 = 120° 150° 180° 300°
7	**Diffuser type**	Blank = Long global glass MGG = Medium global glass SFG = Short flat glass
		LGP = Long global PC MGP = Medium global PC SFP = Short flat PC
8	**Heat sink cover**	A = Heat sink cover A B = Heat sink cover B C = Heat sink cover C
9	**Mounting type**	M1 = Ceiling M2 = Pole M3 = 90° wall M4 = Rotatable wall
10	**LED type**	Blank = Flat SMT board A = COB B = Long length SMT C = Medium length SMT
11	**Battery backup**	Blank = Without battery backup Y = With battery backup
12	**Input voltage**	M = 120-347V

Disclaimer:
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