

R Series

LED Explosion Proof Light



R2



R4

Certifications:

◆ ATEX Marking:



II 2GD

Ex db eb mb IIC T6/T5 Gb

Ex tb IIIC T80°C/T95°C Db IP66

◆ IECEx Marking:

Ex db eb mb IIC T6/T5 Gb

Ex tb IIIC T80°C/T95°C Db IP66

◆ IP66

◆ UL 1598 Suitable for Wet Locations

◆ UL844 Hazardous Locations (North American):

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

◆ Ambient Temperature:

Normal: -40°C to +45°C/60°C (-40°F to 113°F/140°F)

Emergency: -10°C to +45°C/60°C (14°F to 113°F/140°F)

Applications:

◆ Oil and gas industry

◆ Chemical industry

◆ Metal treatment

◆ Ocean, marine and aerospace field

◆ Food and alcohol industry

◆ Other high humidity, high dust, high temperature, vapor locations

Key Features:

- ① Backup battery is optional.
- ② AC or DC power supply is available.
- ③ Stainless-steel body and PC cover.
- ④ Heavy-duty and high impact resistance.
- ⑤ High-quality SMT LED and Meanwell driver.
- ⑥ Water-proof, vapor-proof, dust-proof, and corrosion resistant.
- ⑦ 5-year warranty.

Catalog Number Logic:

EX - xxxW - Rx - Y Z D A

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① **PRODUCT CATEGORY**

- ◆ Explosion proof light

② **WATTAGE**

- ◆ 20W ◆ 30W ◆ 40W
- ◆ 50W ◆ 60W

③ **PRODUCT SERIES**

- ◆ R2
- ◆ R4

④ **DIMMING FUNCTION**

- ◆ Y=D: Dimmable
- ◆ Y=N: Non-dimmable

⑤ **CCT**

- ◆ 2200K-7000K

⑥ **BEAM ANGLE**

- ◆ D120= 120°

⑦ **PC COVER INFORMATION**

- ◆ A=C: Clear cover
- ◆ A=F: Frosted cover

Technical Data:

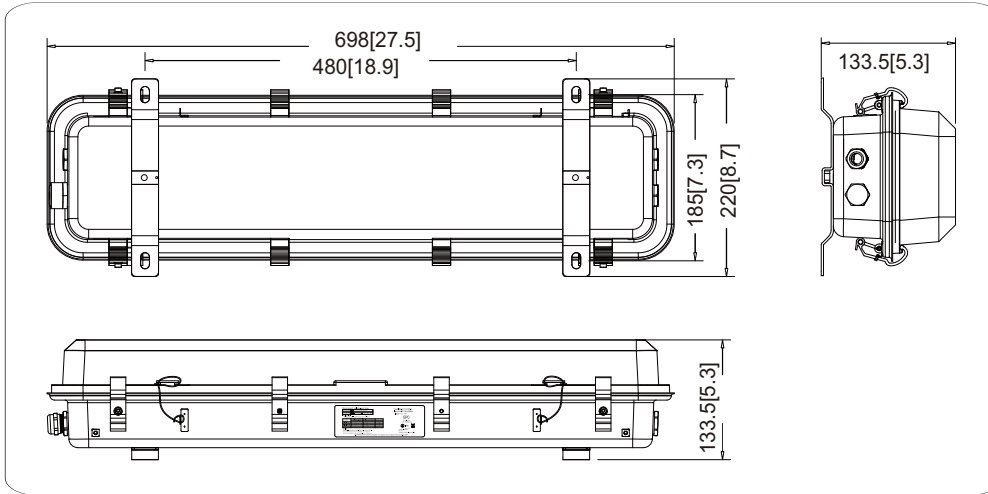
Model	Wattage	Operating Voltage	Efficacy (lm/W)	Total Lumens (lm)	CRI	CCT
EX-20W R2YZDA	2×10W/2ft	AC100-277/220-480V	140	2,800	>70	2200K-7000K
EX-30W R2YZDA	2×15W/2ft	AC100-277/220-480V	140	4,200	>70	2200K-7000K
EX-40W R4YZDA	2×20W/4ft	AC100-277/220-480V	140	5,600	>70	2200K-7000K
EX-50W R4YZDA	2×25W/4ft	AC100-277/220-480V	140	7,000	>70	2200K-7000K
EX-60W R4YZDA	2×30W/4ft	AC100-277/220-480V	140	8,400	>70	2200K-7000K

LED Explosion Proof Light - R Series

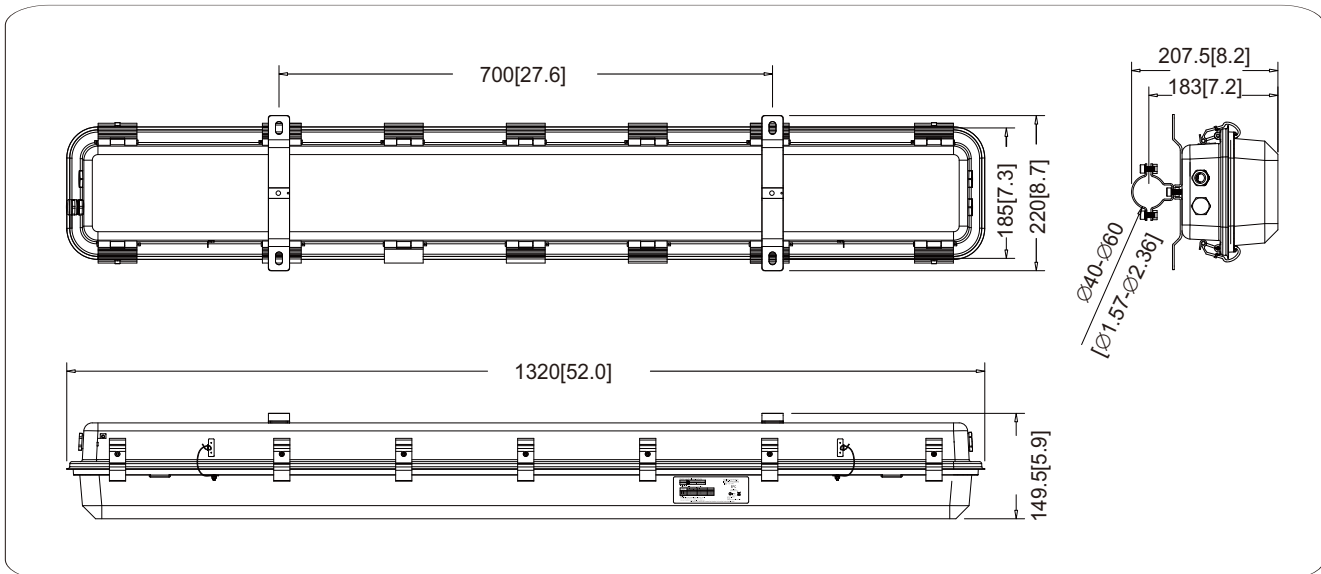
Dimensions & Packing Information:

Unit: mm [inch]

R2



R4

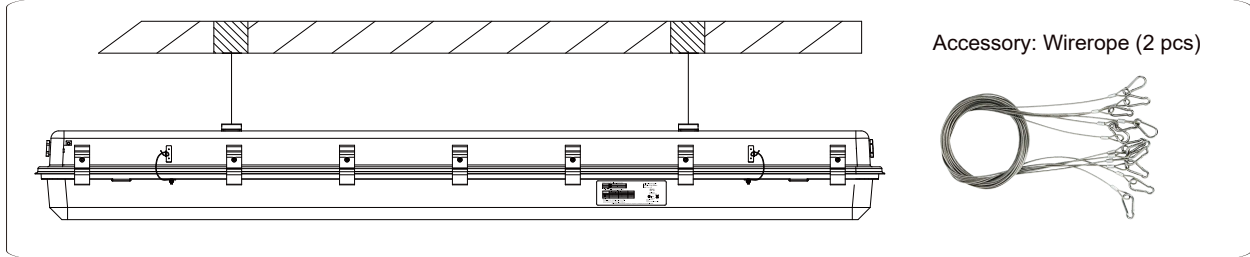


Model	Quantity/Carton	Packing Size	Net Weight	Gross Weight
R2	1 PC	800x250x170mm [31.5x9.84x6.7inch]	4 kgs/ 8.82 lb	5 kgs/ 11.02 lb
R4	1 PC	1400x250x175mm [55.12x9.84x6.89inch]	8 kgs/ 17.64 lb	10.7 kgs/ 23.59 lb

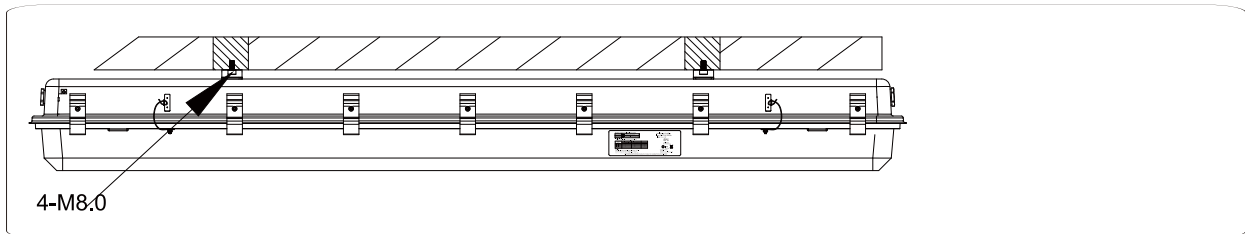
Mounting:

Unit: inch

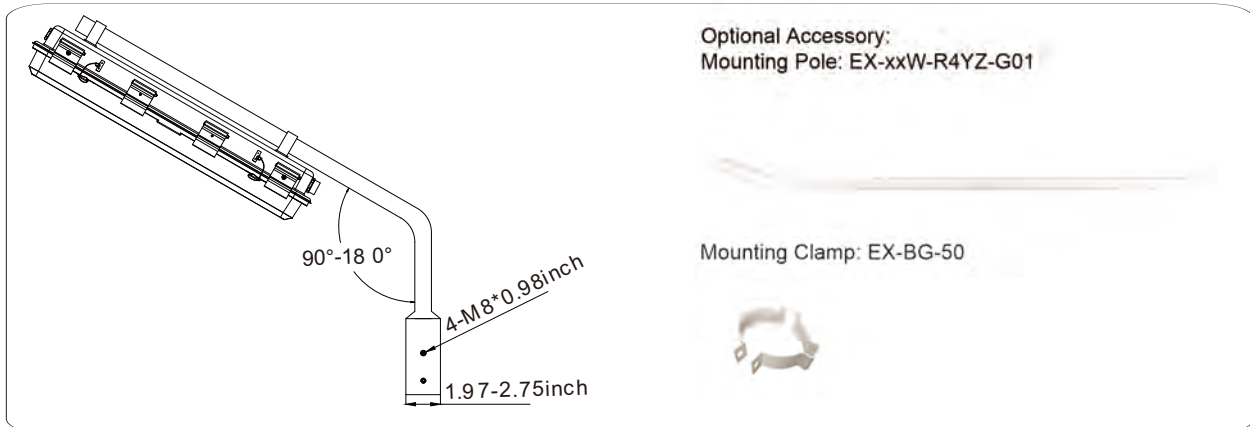
◆ **Pendant Mounting (default mounting):**



◆ **Surface Mounting (default mounting)**



◆ **Pole Mounting:**



Photometry:

Beam angle: 120°

