



Explosion Proof Linear Light R Series



Industrial Field & Hazardous Locations

VENAS

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.**



Explosion Protection

Marking ATEX

II 2 G Ex db eb mb IIC T5/T6 Gb

II 2 D Ex tb IIIC T95°C/T85°C Db IP66

Marking IECEX

Ex db eb mb IIC T5/T6 Gb

Ex tb IIIC T95°C/T85°C Db

Marking UL844 (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

Marine Marking

UL 1598

UL 844

Other Rating

IP 66



Specification

| Model | Wattage | Color Temperature | Voltage | Lumens | Warranty | CRI |
|---------------|-----------|-------------------|--------------------|--------|----------|-----|
| EX-20W R2YZDA | 2×10W/2ft | 2200K-7000K | AC100-277/220-480V | 2800 | 5 years | >70 |
| EX-30W R2YZDA | 2×15W/2ft | | | 4200 | | |
| EX-40W R4YZDA | 2×20W/4ft | | | 5600 | | |
| EX-50W R4YZDA | 2×25W/4ft | | | 7000 | | |
| EX-60W R4YZDA | 2×30W/4ft | | | 8400 | | |

“R2,R4”=Product code, “Y”=D or N:Dimmable or non-dimmable; “Z”=CCT, from 2200-7000K;

“D”=Beam angle, D120 for 120°; A for glass info. C for clear frosted.

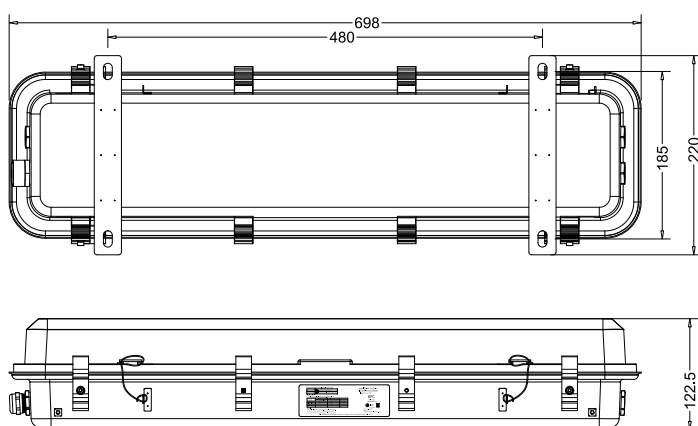
Packing Information

| Model | Quantity/Carton | Packing Size(mm) | N.W(KG) | G.W(KG) |
|-------|-----------------|------------------|---------|---------|
| R2 | 1 | 820×250×180 | 4 | 5 |
| R4 | 1 | 1320×220×180 | 8 | 10.7 |

Features

- Back-up battery (optional).
- AC or DC power supply available.
- Stainless steel body and PC cover.
- Heavy-duty and high impact resistance.
- Ambient range: -40°C - $+45^{\circ}\text{C}/60^{\circ}\text{C}$ (Normal).
- Ambient range: -10°C - $+45^{\circ}\text{C}/60^{\circ}\text{C}$ (Emergency) .
- High quality SMT LED and Meanwell Driver.
- Waterproof / vapor / dust / corrosion / explosion proof.

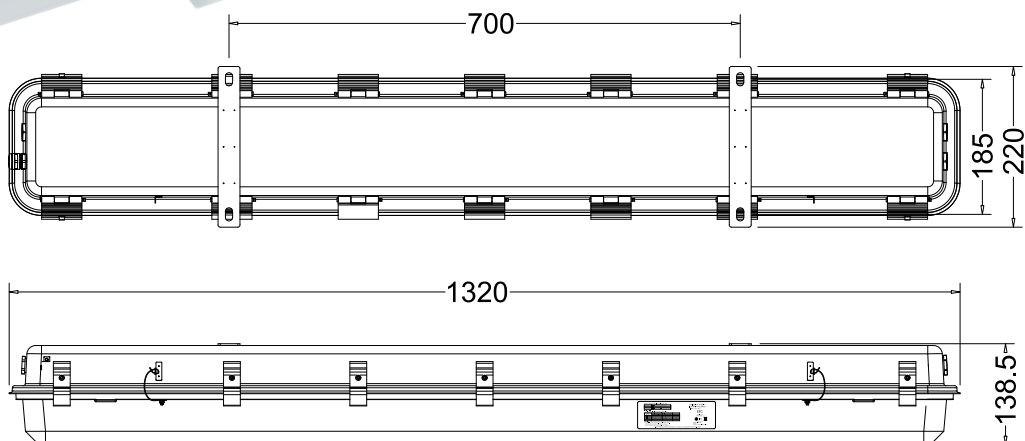
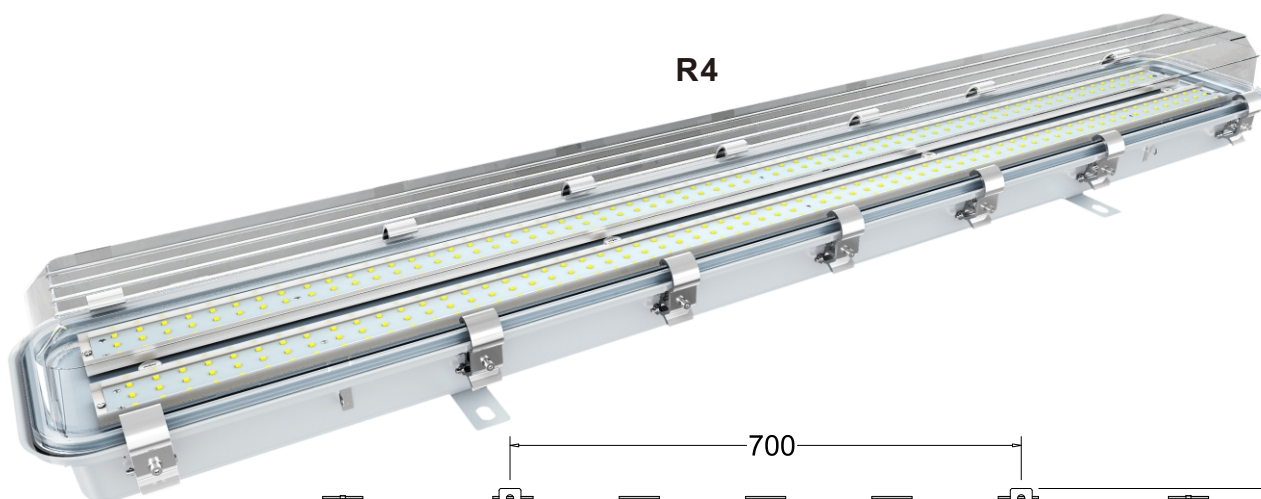
Dimension (mm)



R2

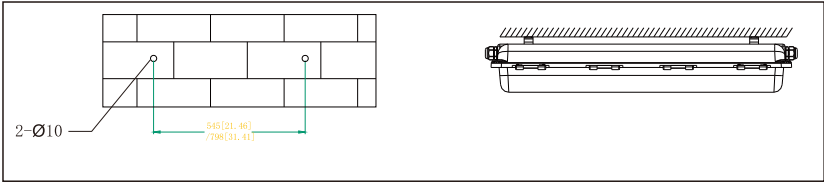


R4

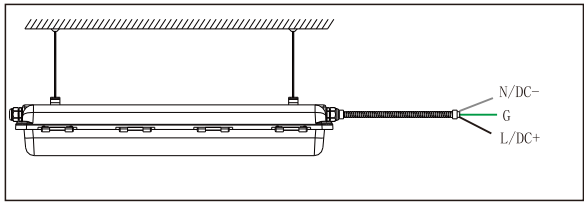


Mounting

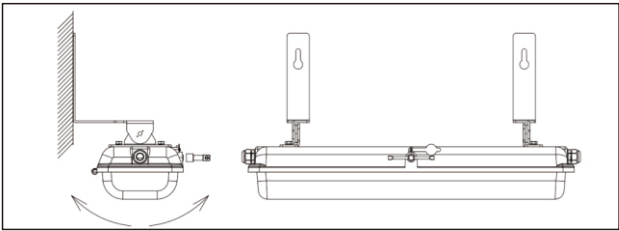
No.1: Surface Mounting



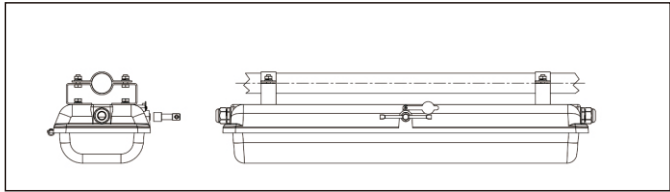
No.2: Pendant Mounting



No.3: Wall Mounting



No.4: Pole Mounting



Light Distribution

120D

| Center Beam fc | | Beam Width | |
|----------------|-------|------------|-------|
| 17ft | 14fc | 51ft | 51ft |
| 34ft | 3fc | 103ft | 101ft |
| 51ft | 2fc | 154ft | 153ft |
| 68ft | 0.8fc | 256ft | 255ft |
| 85ft | 0.6fc | 307ft | 306ft |

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