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	20W			2800		
EX-30W R2YZDA	30W			4200		
EX-40W R2YZDA	40W			5600		
EX-30W R4YZDA	30W	2200K-7000K	AC100-277/220-480V	4200	5 years	80
EX-40W R4YZDA	40W			5600		
EX-60W R4YZDA	60W			8400		
EX-80W R4YZDA	80W			11200		

"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°C/60°C (Normal).
- Ambient range: -10°C - +45°C/60°C (Emergency) .
- High quality SMT LED and Meanwell Driver.
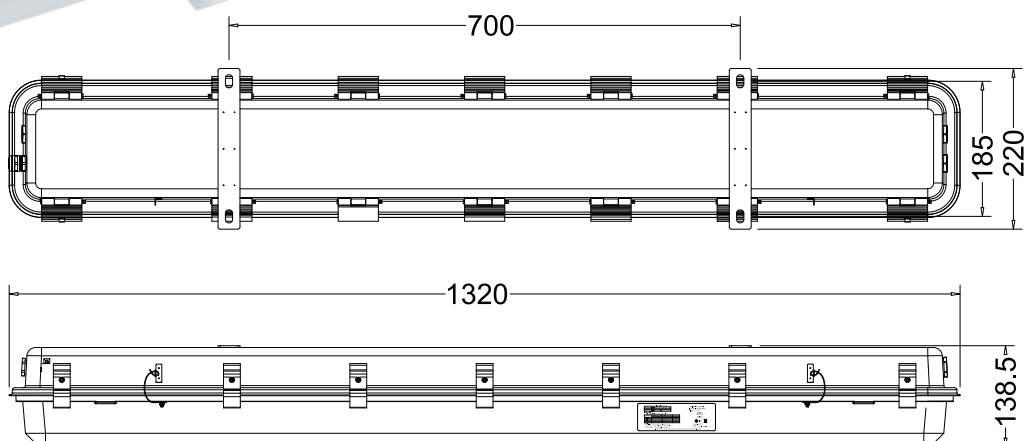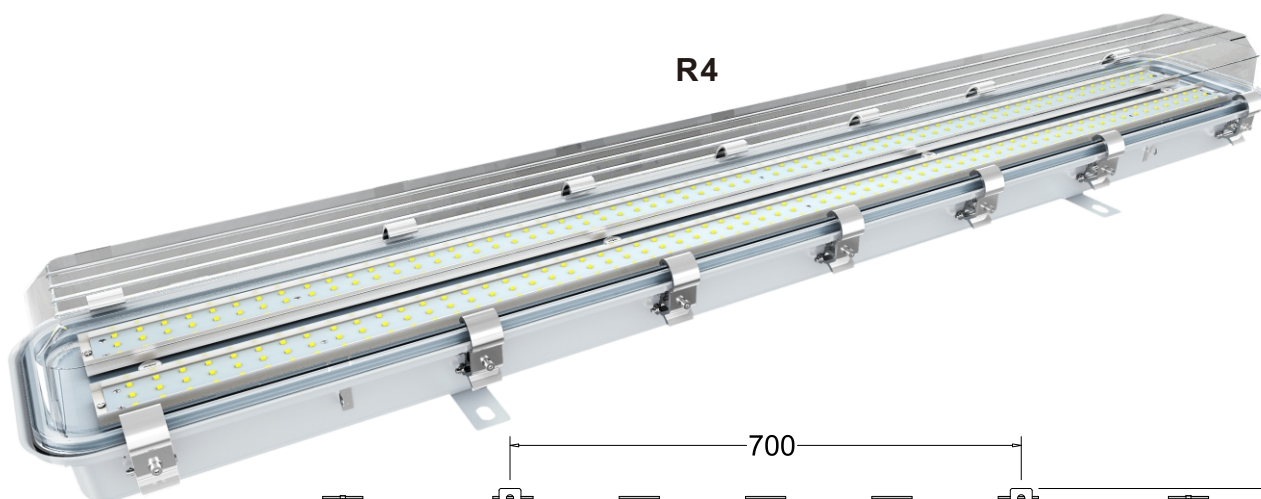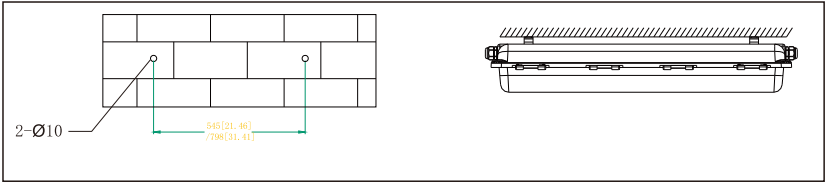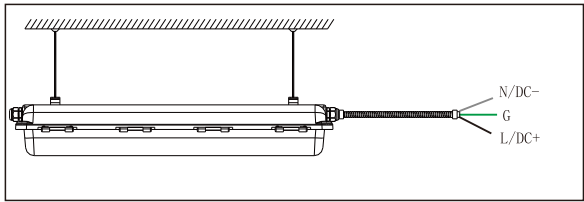- Waterproof / vapor /dust / corrosion /explosion proof.

Dimension (mm)
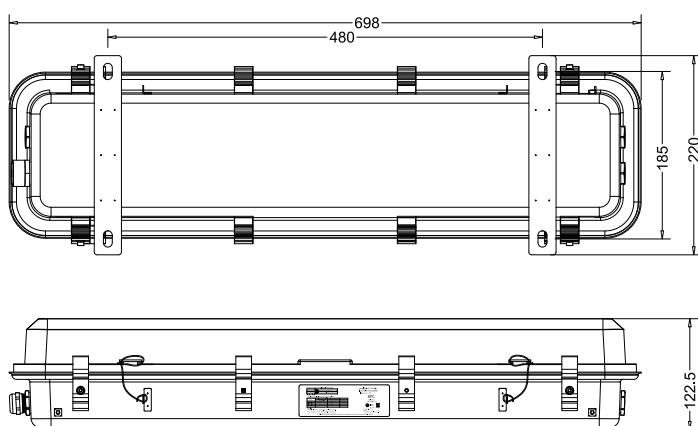
R2

R4

Mounting

No.1: Surface Mounting

2-Ø10   645[21.46]
         798[31.41]

No.2: Pendant Mounting

N/DC−
G
L/DC+

No.3: Wall Mounting
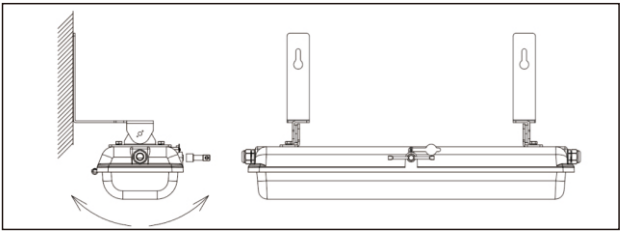
No.4: Pole Mounting
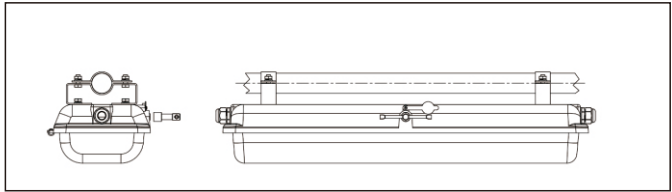
Light Distribution

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°