

Applications

This luminaire can be used as spot light, down light and tunnel light which can provide general illumination in hazardous locations, such as:

- Refinery factory
- Oil and gasoline loading dock
- Gas station
- Painting manufacture workshop
- Pumping station
- Metal Smelting Plant
- Mining
- Ocean platform
- Aerospace
- Chemical plant
- Vessel
- Military
- Flour mill
- Distillerie
- Power station
- Other high humidity, high temperature, dusty location...

Features

- High efficacy: up to 125lm/W
- CRI>70
- Surface mounting and pendant installation
- Wide and narrow optics for uniform illumination
- Copper free aluminum
- High vibration resistance

Ratings and Certifications

- **NEMA 4X, IP66**
- **UL1598/UL1598A/UL844**
- **CSA C22.2 No.137**
CSA C22.2 No.250.0
Class I Divison 2, Groups A, B, C, D
Class II Divison 2, Groups F, G
Class III
- **Marine and Wet Locations**
- **IECEX**
- **ATEX**
- **5 years or other warranty period specified in agreement**
- **L70 rating for more than 150000 hours**

S Series





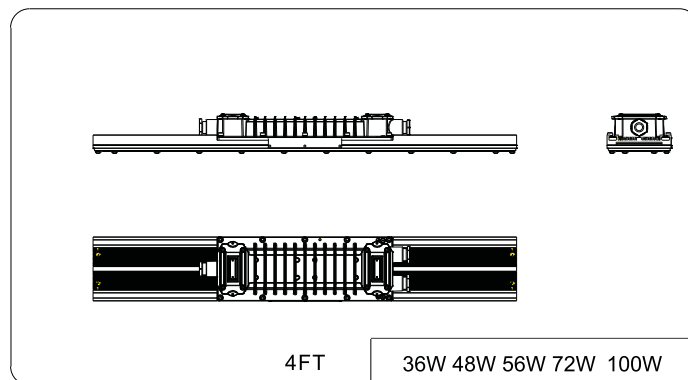
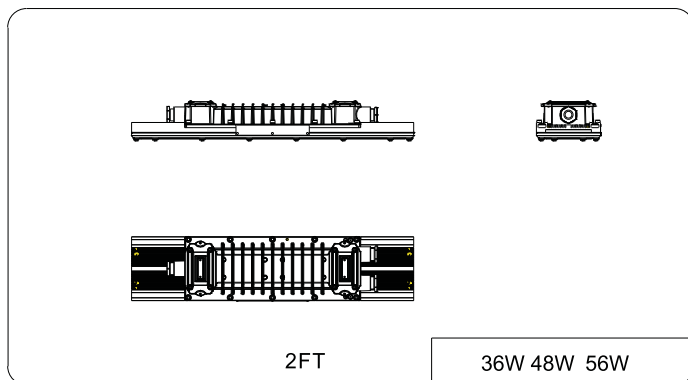
Typical Model Specification

Product Number	Wattage	Color	Voltage	Lumens	Working Hours	CRI
EX-36W2FT	36	2700K-6400K	AC100-277V	4554	5 years	70
EX-48W2FT	48	2700K-6400K	AC100-277V	6072	5 years	70
EX-56W2FT	56	2700K-6400K	AC100-277V	7086	5 years	70
EX-36W4FT	36	2700K-6400K	AC100-277V	4554	5 years	70
EX-48W4FT	48	2700K-6400K	AC100-277V	6072	5 years	70
EX-56W4FT	56	2700K-6400K	AC100-277V	7086	5 years	70
EX-72W4FT	72	2700K-6400K	AC100-277V	9108	5 years	70
EX-100W4FT	100	2700K-6400K	AC100-277V	12650	5 years	70

Mechanical Information

	2FT Size (in)	4FT Size (in)
AC100-277V models	24x5.4x3.5	47x5.4x3.5

Structure Diagram

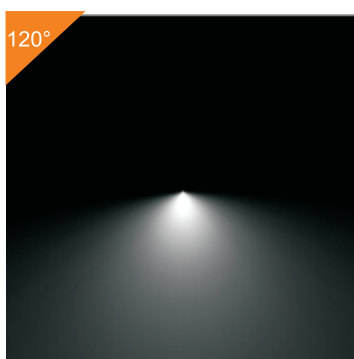
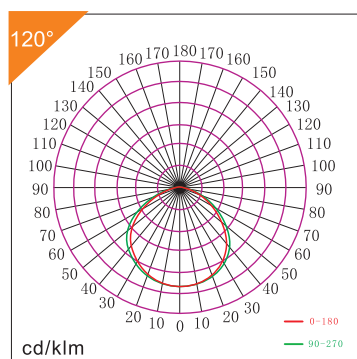


Safe. Reliable. Efficient.

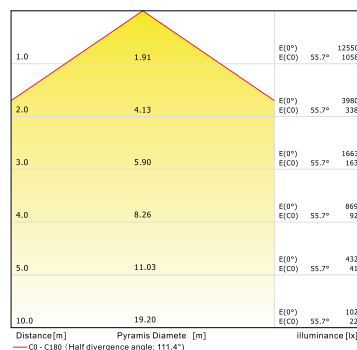
The unique light distribution design, light type and angle precision control of the LED light source, to avoid light pollution and ineffective utilization of light; soft light, no glare, will not cause eye fatigue of workers, improve working efficiency.

Professional Light Distribution

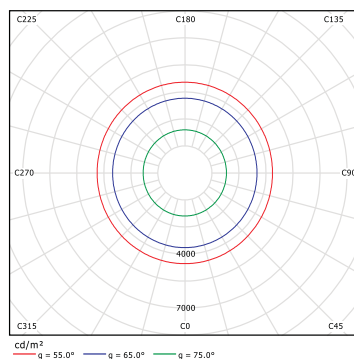
Light Distribution Pattern



Light intensity curve(120W)



Plane illuminance curve



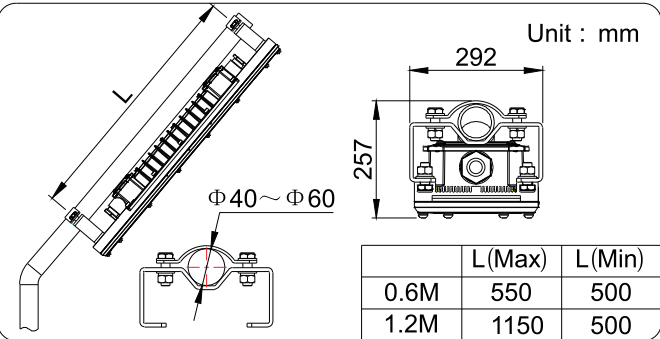
Mounting Method

Explosion proof light can be surface and pendant mounted by bringing down a rigid conduit to the light fixture.

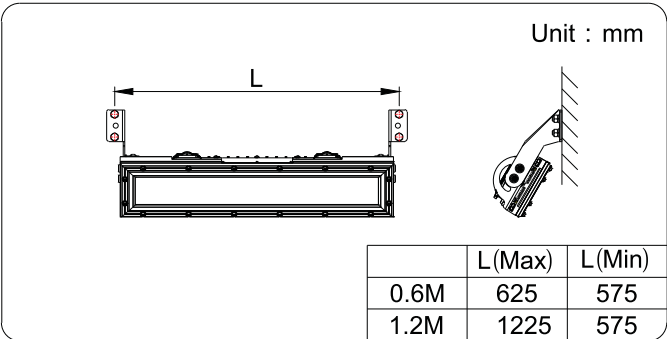
Mounting Option Note:

Pendant mounting option requires conduit be supplied by the installer.

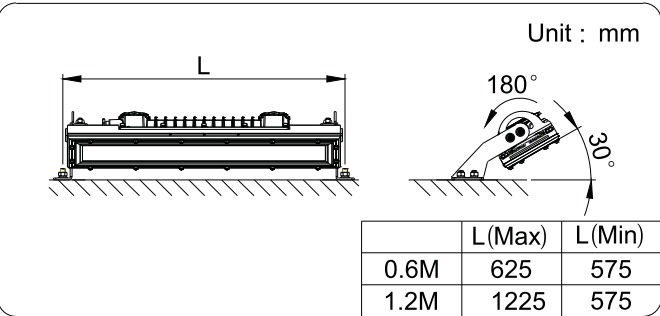
Rectangle luminaire mounting



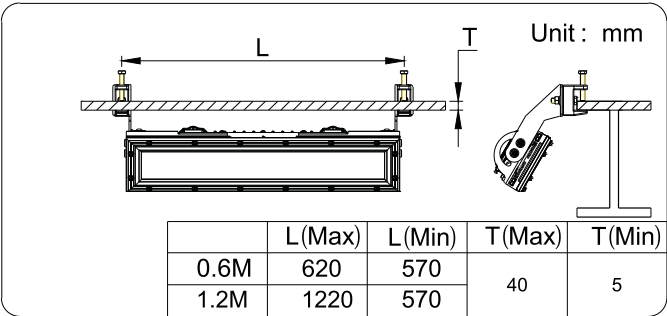
Pipe clamp



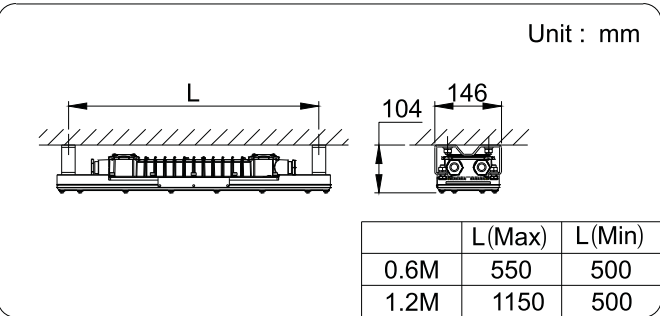
Wall mount



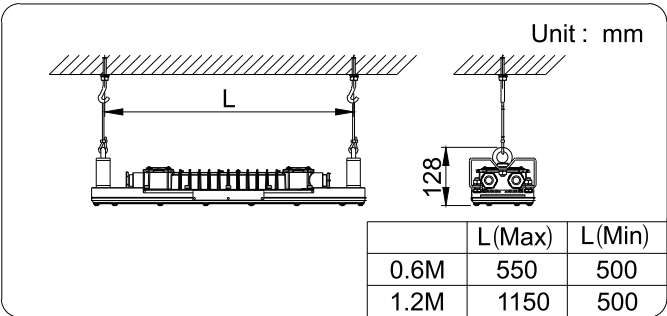
Stanchion mount



Clamp mount



Ceiling Mount



Pendant Mount