



Explosion Proof Linear LED Light



Date:..... Location: .....

Product:..... Project:.....

Quantity:..... Catalog# .....

FEATURES

- Class I, Division 2, Groups A, B, C and D, IP68 rated
- Ceiling mount or pendant chain mounting.
- Wide optics for uniform illumination
- 50,000 hours life time, UL DLC LISTED.

SUITABLE APPLICATIONS

- Class I, Division 2, Groups A, B, C and D;  
Damp and wet locations
- Wastewater treatment, oil and gas refineries
- Petrochemical facilities
- Food and beverage facilities
- Tunnels, outdoor wall and stanchion mounted general area lighting

CONSTRUCTION:

Heavy die-cast 6063 aluminum alloy housing with glary powder-coated finish. High transmission plastic lense.

ELECTRICAL:

Available as 120-277V input. -40°C to 55°C.

OPTICAL SYSTEM:

High brightness Lumileds LED chips.  
120° beam angle.

INSTALLATION & MOUNTING:

Ceiling mount or pendant chain mounting for easy installation.

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

PERFORMANCE

| Model NO          | Power Factor | Wattage | Voltage/Current Input |       | Light Efficiency | Kelvin Options |
|-------------------|--------------|---------|-----------------------|-------|------------------|----------------|
|                   |              |         | 120V                  | 277V  |                  |                |
| CES-EX-LN-02P-60D | 0.9          | 60W     | 0.5A                  | 0.21A | 140LM/W          | 5000K          |

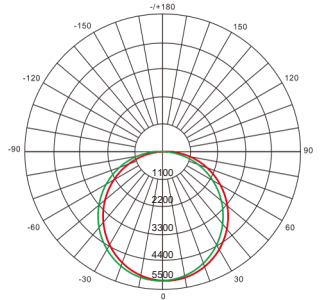
# Explosion Proof Linear LED Light



## Electric Characteristic

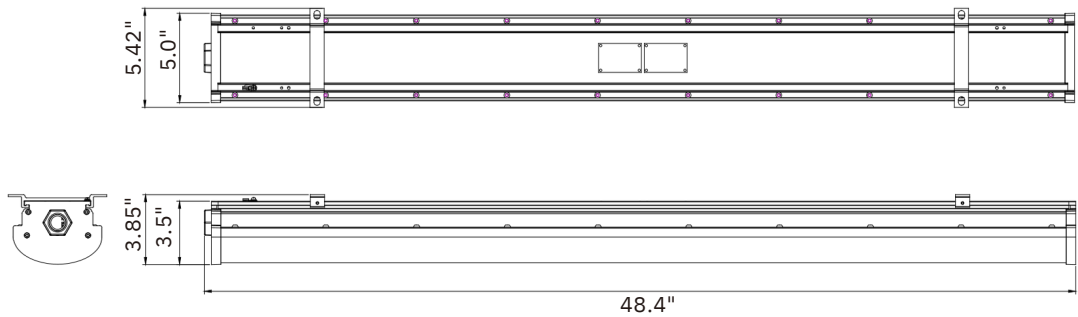
|                         |                        |
|-------------------------|------------------------|
| Specification/Model     | CES-EX-LN-02P-60D      |
| LED Driver              | UL listed MEANWELL HLG |
| Input power             | 60W                    |
| Lumens output           | 8400LM                 |
| Efficiency              | 140LM/W                |
| CRI                     | >72                    |
| Color Temperature       | 5000K                  |
| Input voltage           | 120-277V/AC            |
| Light distribution type | 120D                   |
| Working temperature     | -40°C to +55°C         |
| Junction temperature    | <75°C                  |
| lamps efficiency        | ≥ 90%                  |
| Certificate             | UL CUL DLC             |
| Equivalent              | 120-200WMH/HPS         |

## DISTRIBUTION DIAGRAM



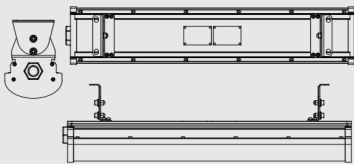
AVERAGE BEAM ANGLE(50%): 120°  
UNIT:CD  
Test Number:CEL-60W-120V-50K  
Lumens:8400LM  
Test Number:60W  
Test Number:5000K  
C0/180,112.9  
C30/210,111.  
5  
C60/240,109.  
7  
C90/270,110.  
1

## DIMENSION

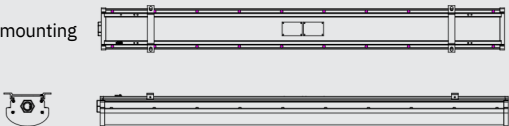


## Mountings

### Ceiling mounting



### Pendant mounting



### Pendant chain mounting



### Wall mounting



### Pole Mounting

