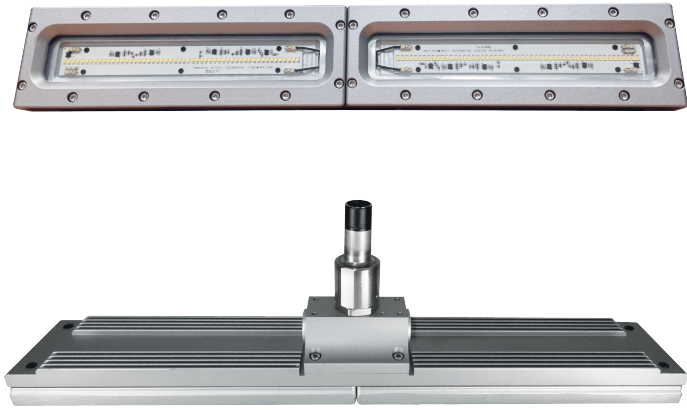


|              |       |
|--------------|-------|
| Product      |       |
| Catalog No.  |       |
| Fixture Type | Notes |



## EX1103 LED EXPLOSION PROOF LINEAR LIGHT

EX1103 is a hazardous location luminaire designed for Class I Division 1 and Class II Division 2 environments. Offering 40W and 60W options, it delivers up to 6000 lumens with excellent reliability. Built with aluminum alloy housing and tempered glass, it provides IP67/NEMA 6 protection and operates in extreme conditions from -40°F to +131°F. With a service life of 60,000 hours, multiple mounting options, and UL/CSA certifications, EX1103 is ideal for oil, gas, and petrochemical facilities.

### APPLICATIONS

- Oil Refinery Complex
- Petrochemical Complex
- Painting Facility
- Natural Gas Transport
- Offshore Platforms (Oil & Gas)
- LPG Transport

### FEATURES

- Explosion-proof (CID1, CID2)
- 40W/60W selectable
- High efficacy up to 6000 lm
- Long 60,000-hr life
- Wide beam angle (116°×113°)
- IP67/NEMA 6

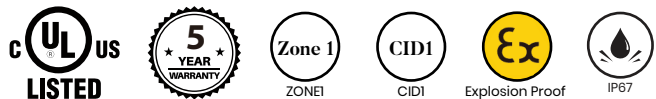
### SPECIFICATION SUMMARY

| Category             | Specification         | Data                                             |
|----------------------|-----------------------|--------------------------------------------------|
| Category Performance | Wattage               | 40W / 60W (Optional)                             |
|                      | Delivered Lumens      | 3,600~6,000lm                                    |
|                      | Lumen Efficacy        | 90-100lm/W                                       |
|                      | Color Temperature     | 3000K/5000K (Optional)                           |
|                      | CRI (Ra)              | 70+(5000K) / 80+(3000K)                          |
| Electrical           | Input Voltage         | 120V / 277V (Optional)                           |
|                      | Dimming               | -                                                |
|                      | Power Factor          | >0.90                                            |
| Physical             | Housing               | Aluminum Alloy                                   |
|                      | Operation Temperature | CID1: -40°F ~ +131°F (T6)<br>CID2: ~ +131 °F(T6) |
|                      | IP Rating             | IP 67                                            |
|                      | Mounting Options      | Ceiling, Wall Mount, Hanging Mount               |
|                      | Dimension             | 25.85" × 7.53" × 4.13"                           |

### LIFESPAN AND WARRANTY

|               |            |
|---------------|------------|
| Rated Life    | 50,000 Hrs |
| Warranty      | 5 Years    |
| Certification | UL         |

### CERTIFICATION



#### 40W

Class I, Division 1, Group B, C, D  
Class II, Division 2, Groups F and G  
Class III

#### 60W

Class I, Division 1, Group B, C, D

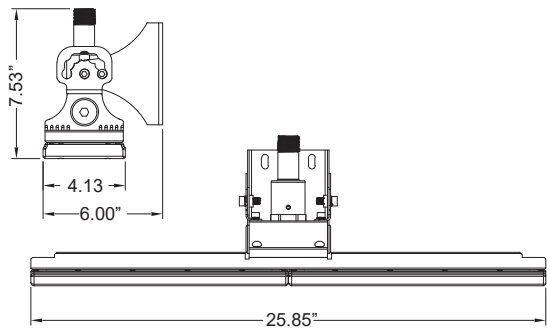
# EX1103 LED EXPLOSION PROOF LINEAR LIGHT

## PERFORMANCE DATA

| PRODUCT CODE | WATTS | lm/W | DELIVERED LUMENS | INPUT VOLTAGE | CRI (Ra) | CCT                   |
|--------------|-------|------|------------------|---------------|----------|-----------------------|
| EX1103       | 40W   | 100  | 3600-5400        | AC120 / 277V  | 70 / 80+ | 3000/5000K (Optional) |
| EX1103       | 60W   | 100  | 4000-6000        | AC120 / 277V  | 70 / 80+ | 3000/5000K (Optional) |

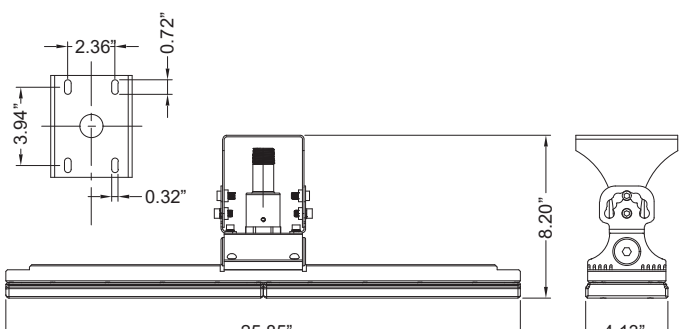
## MOUNTING OPTION & DIMENSION

Wall Mount 90° [WHT (W90)]



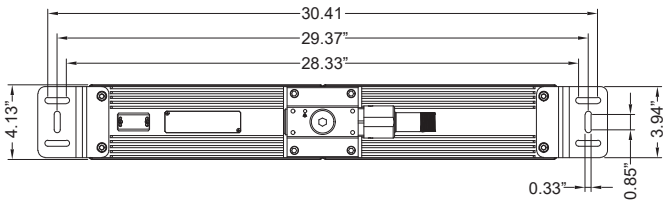
17.0 lb

Hanging Mount 90° [WHT (H90)]

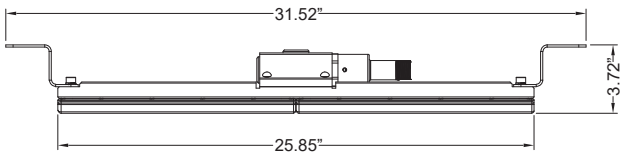


17.0 lb

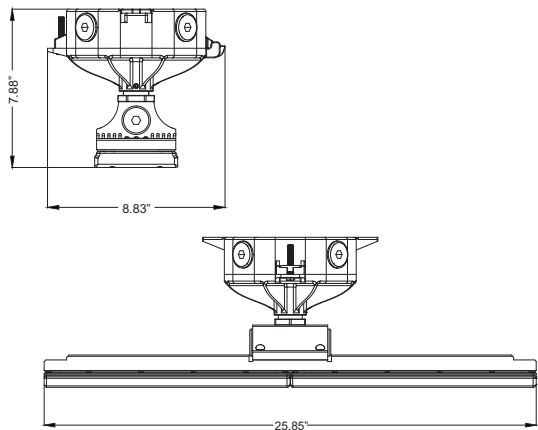
Ceiling (C90)



17.4 lb

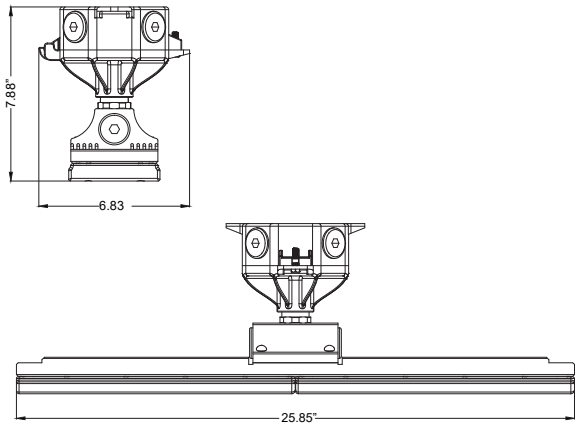


●Octagonal Box [WHT(O)]



This mounting bracket is only applicable to C1D2 protection

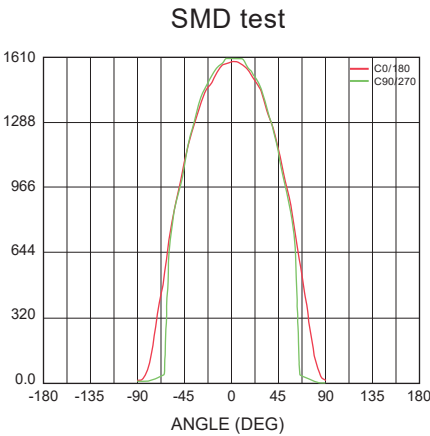
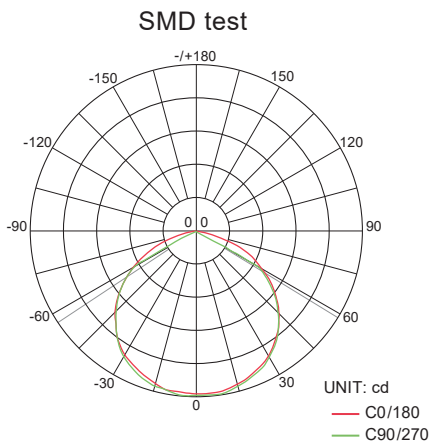
●Small Octagonal Box [WHT(OS)]



This mounting bracket is only applicable to C1D2 protection

# EX1103 LED EXPLOSION PROOF LINEAR LIGHT

## PHOTOMETRY



## ORDERING INFORMATION

| EX1103     |                                    |                                  |                                      |                                                                                                                                                                                             |
|------------|------------------------------------|----------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Series SKU | Wattage                            | Input Voltage                    | CCT                                  | Mounting (Optional)                                                                                                                                                                         |
| EX1103     | <b>040:</b> 40W<br><b>060:</b> 60W | <b>U:</b> 120V<br><b>H:</b> 277V | <b>30:</b> 3000K<br><b>50:</b> 5000K | <b>CL:</b> Ceiling<br><b>WM:</b> Wall Mount 90°<br><b>HM:</b> Hanging Mount 90°<br><b>OB:</b> Wall / Hanging Mount (Octagonal Box)<br><b>SO:</b> Wall / Hanging Mount (Small Octagonal Box) |

Example: EX1103-040U-30WM  
Lead times will vary depending on options selected.  
Consult with your sales representative.

## MISCELLANEOUS

CONSTRUCTION:  
INSTALLATION:  
OPTICS:  
LISTINGS:  
ELECTRICAL:  
GOVERNMENT PROCUREMENT:

## NOTE