TRUE LED USA

Product	
Catalog No.	
Fixture Type	Notes

SPECIFICATION SUMMARY

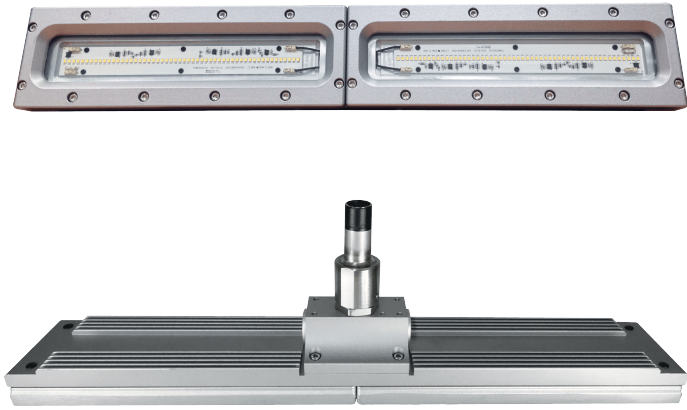| Category	Specification	Data
Category Performance	Wattage	40W / 60W (Optional)
	Delivered Lumens	3,600~6,000lm
	Lumen Efficacy	90-100lm/W
	Color Temperature	3000K / 5000K (Optional)
	CRI (Ra)	70+ / 80+
Electrical	Input Voltage	120V / 277V (Optional)
	Dimming	-
	Power Factor	>0.90
Physical	Housing	Aluminum Alloy
	Operation Temperature	CID1 : –40°F ~ +131°F (T6)
		CIID2 : ~ +131 °F(T6)
	IP Rating	IP 67
	Mounting Options	Ceiling, Wall Mount, Hanging Mount
	Dimension	25.85″ × 8.2″ × 4.13″

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
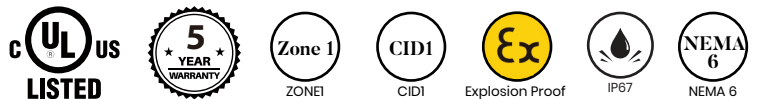- Wide beam angle (116°×113°)
- IP67/NEMA 6

LIFESPAN AND WARRANTY

Rated Life	50,000 Hrs
Warranty	5 Years
Certification	UL

CERTIFICATION

c UL us LISTED   5 YEAR WARRANTY   Zone 1 / ZONE1   CID1 / CID1   Ex Explosion Proof   IP67   NEMA 6 / NEMA 6

40W
Class I, Division 1, Group B, C, D
Class I, Division 2, Group A, B, C, D
Class II, Division 2, Groups F, G
Class III

60W
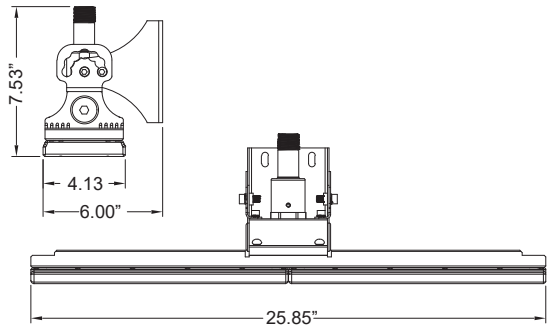Class I, Division 1, Group B, C, D
Class I, Division 2, Group A, B, C, D

EX1103 LED EXPLOSION PROOF LINEAR LIGHT

PERFORMANCE DATA

PRODUCT CODE	WATTS	lm/W	DELIVERED LUMENS	INPUT VOLTAGE	CRI (Ra)	CCT
EX1103	40W	110	4400	AC120 / 277V	70	5000K
EX1103	40W	100	4000	AC120 / 277V	80	3000K
EX1103	60W	110	6600	AC120 / 277V	70	5000K
EX1103	60W	100	6000	AC120 / 277V	80	3000K

MOUNTING OPTION & DIMENSION

Wall Mount 90° [WHT (W90)]

7.53"
4.13"
6.00"
25.85"

17.0 lb

Hanging Mount 90° [WHT (H90)]

2.36"
0.72"
3.94"
0.32"
8.20"
25.85"
4.13"

17.0 lb

Ceiling (C90)

30.41
29.37"
28.33"
4.13"
3.94"
0.33"
0.85"
31.52"
3.72"
25.85"
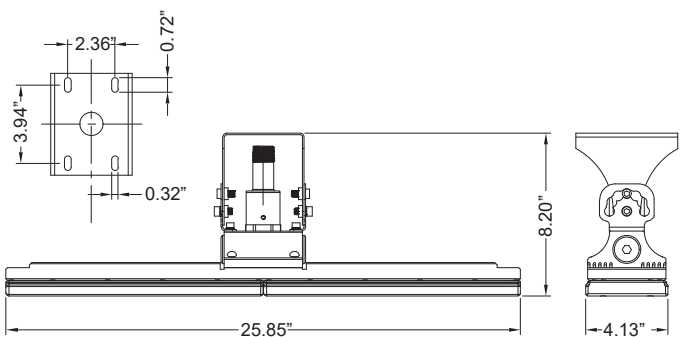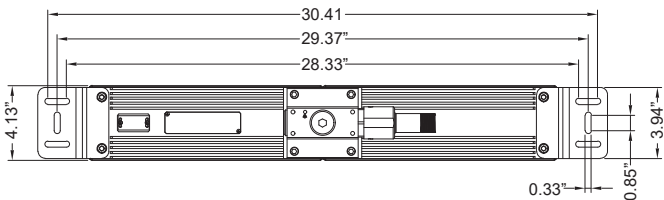
17.4 lb

●Octagonal Box [WHT(O)]

7.88"
8.83"
25.85"
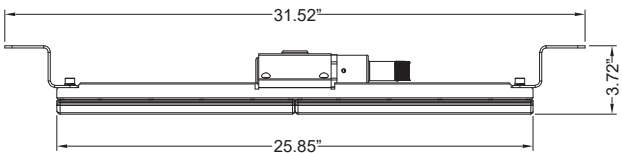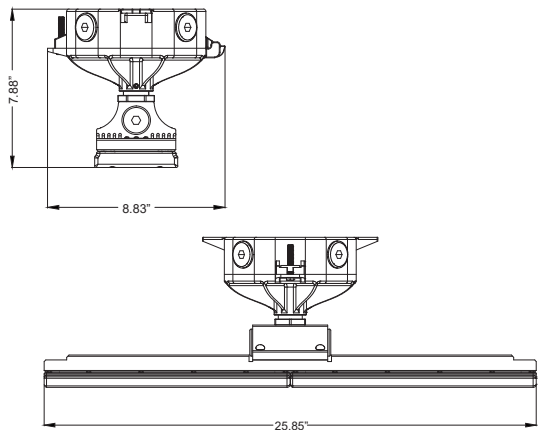
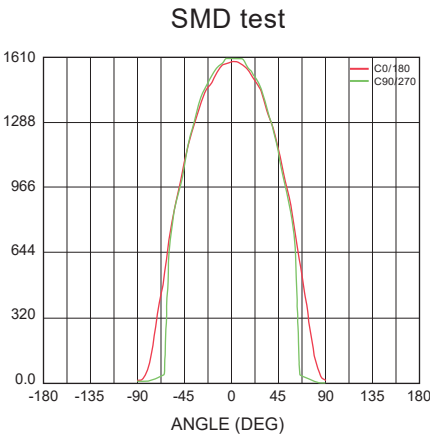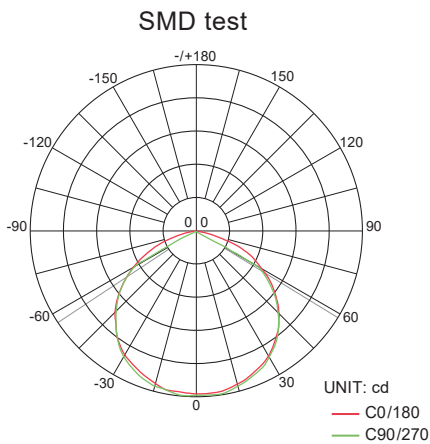This mounting bracket is only applicable to C1D2 protection

●Small Octagonal Box [WHT(OS)]

7.88"
6.83
25.85"
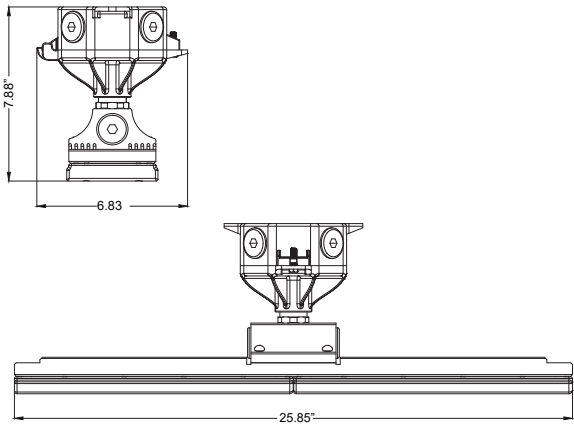
This mounting bracket is only applicable to C1D2 protection

EX1103 LED EXPLOSION PROOF LINEAR LIGHT

PHOTOMETRY

SMD test

UNIT: cd
— C0/180
— C90/270

SMD test

ANGLE (DEG)

— C0/180
— C90/270

ORDERING INFORMATION

EX1103

Series SKU	Wattage	Efficacy	CRI	Input Voltage	CCT	Mounting (Optional)
EX1103	**040**: 40W	**S**:100 lm/W	**M**:80	**U**: 120V	**30**:3000K	**CL**: Ceiling **WM**: Wall Mount 90° **HM**: Hanging Mount 90° **OB**: Wall / Hanging Mount (Octagonal Box) **SO**: Wall / Hanging Mount (Small Octagonal Box)
	060: 60W	**P**:110 lm/W	**L**:70	**H**: 277V	**50**:5000K	

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

MISCELLANEOUS

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

NOTE

In a continuing effort to offer the highest quality product to our customers, we reserve the right to change the product specifications without notice.