

EPTL07

EXPLOSION-PROOF Linear LED Light

EX: II 2G Ex db eb mb IIC T6 Gb

DESCRIPTION

These explosion-proof LED lights is a Class I, Division 2 factory sealed LED light fixture for general illumination. These fixtures are built to perform effectively and economically in areas that may be difficult to service, expensive to shut down or any location requiring an increased degree of safety. Compared with traditional fluorescent tube lighting, this series LED consumes up to 85% less energy and typically lasts as long as 60,000 hours or more. Moreover, LED is available in various powers, offering a replacement option for existing fluorescent tube fixtures.

CONSTRUCTION & MATERIALS

- ◆ Polycarbonate Housing, fully sealed to be dirt and bug proof
- ◆ Impact-proof PC lens
- ◆ IP 66 rating waterproof protection
- ◆ Grey finish
- ◆ Stainless steel clips
- ◆ LED Tube inside

EMERGENCY OPTION

- ◆ UL 924 & CEC title 20 compliant
- ◆ Charge time: 24 hrs
- ◆ Emergency time: 90~180 minutes
- ◆ Charge cycle: >500 times
- ◆ Work Temp. 32°F~+122°F (0°C~50°C). Especial temperature will be consulted. *

MOUNTING AND WIRING

- ◆ Pendant mount /Surface Mount

ENVIRONMENTAL SYSTEM

- ◆ Where flammable vapors, gases, ignitable
- ◆ dusts, fibers or flyings are present;
- ◆ indoors or outdoors
- ◆ Where extremely corrosive, wet, dusty, hot and/or cold conditions exist

ELECTRICAL SYSTEM

- ◆ Input voltage 100-277VAC
- ◆ Class1, Division2, Group A,B,C and D,
- ◆ II 2G Ex db eb mb IIC T6 Gb
- ◆ ATEX, CNEX, CE, RoHS

OPTICAL SYSTEM

- ◆ 100 lm/w output efficacy
- ◆ CCT: 3000K, 4000K, 5000K,5700K, 6500K.
- ◆ Beam angle: 120°

CORROSION PROOF GRADE

- ◆ WF2

CABLE ENTRY

- ◆ NPT 3/4, NPT 1/2

WARRANTY

- ◆ 5 Years

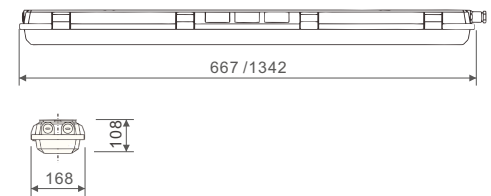
STANDARD

- ◆ EN61347-1, EN61347-2-13, EN60598-2-1, EN60598-1
- ◆ CAN/CSA -C.22.2 NO. 250.0, C22.2 No. 137, CSA-C22.2 No. 250.13-12
- ◆ UL 8750 (Edition 1), UL 844 (Edition 12)
- ◆ UL 924, UL 1598

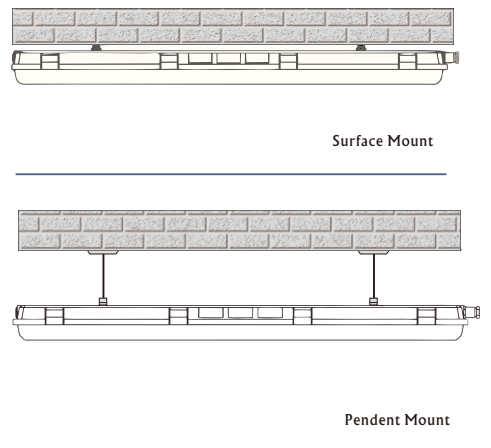
Application	Zone I and Zone II Hazardous Locations, Zone 20, Zone 21, Zone 22 and IIA, IIB, IIC explosive gas atmosphere.
Rating	Class1, Division 2, Groups A, B, C and D
Version	A: 2022-05



DIMENSION (unit:mm)



INSTALLATION



DATA SHEET

Model#	LT-EPTL07-109	LT-EPTL07-209	LT-EPTL07-118	LT-EPTL07-218
Rated Power	1X9W	2X9W	1X18W	2X18W
Output Efficacy	100 LPW	100 LPW	100 LPW	100 LPW
Input Voltage	100~277VAC	100~277VAC	100~277VAC	100~277VAC
Beam Angle	120°	120°	120°	120°
Dimension (LXWXH)	667X168X108 mm	667X168X108 mm	1342X168X108 mm	1342X168X108 mm
Waterproof	IP 66	IP 66	IP 66	IP 66
Battery Available	9W/1.5 hrs	9W/1.5 hrs	18W/1.5 hrs	18W/1.5 hrs
Corrosion Proof	WF 2	WF 2	WF 2	WF 2
Cable Entry	NPT3/4, NPT 1/2	NPT3/4, NPT 1/2	NPT3/4, NPT 1/2	NPT3/4, NPT 1/2
L70 Life	>50,000hrs	>50,000hrs	>50,000hrs	>50,000hrs
Work Temp.	-30°C~50°C			
Ex Mark	II 2G Ex db eb mb IIC T6 Gb, Ex de IIC T6 Gb			

ORDER INFORMATION

Sample Number: LT-EPTL07-218-30K-EM-SM

Com.	Series	Wattage	CCT	Voltage	Control Mode	Duration (EM)
LT	EPTL07	109=1X9W 209=2X9W 309=3X9W 118=1X18W 218=2X18W 318=3X18W	27K=2700K 30K=3000K 40K=4000K 50K=5000K 57K=5700K 65K=6500K	Blank=100-277VAC DV= 24-48VDC	DM=0-10VDC Dim EM=Emergency Kit	Blank=90 Min. 2H =120 Min. 3H =180 Min.

Lightide Manufactory Co., Ltd.

Spec | 1/1

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