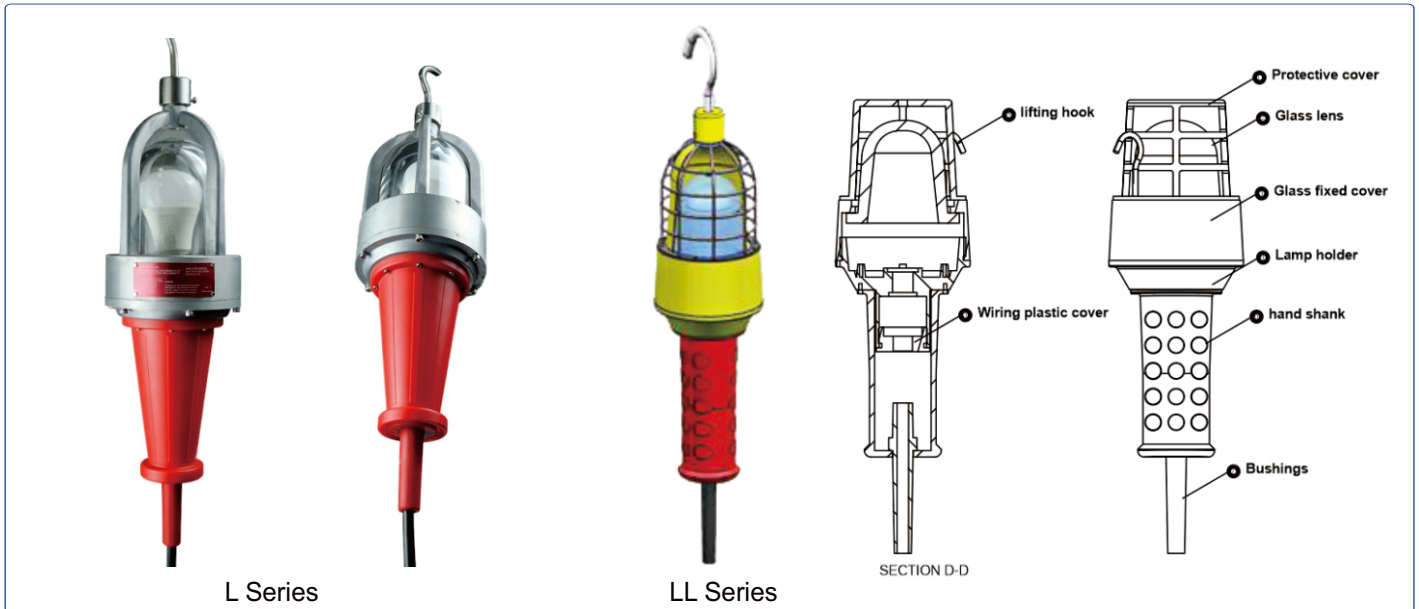


L & LL Series

LED Explosion Proof Light



Certifications:

- ◆ Marking UL844 (North American)
 - ◆ Class I, Division 1&2, Groups A, B, C, D
 - ◆ Class II, Division 1&2, Groups F, G
 - ◆ Class III
- ◆ IP67(Wet location)
- ◆ Marine Marking
 - ◆ UL1598A
- ◆ Ambient Temperature:
 - ◆ -40°C to 50°C (-40°F to 122°F)

Key Features:

- 1 High efficiency up to 100 lumens per watt.
- 2 Completed automatic control.
- 3 Light weight and reasonable size.
- 4 Portable design.
- 5 Aluminum housing for better corrosion resistance.
- 6 High vibration and impact resistance.
- 7 Low temperature applications to -40°C (-40°F) and high temperature up to 50°C (122°F).

LED Explosion Proof Light - L & LL Series

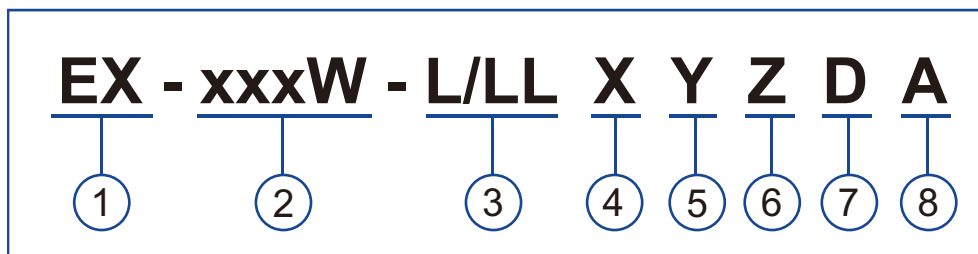
Additional Features:

- ◆ Low working wattage for energy saving.
- ◆ Lamp shield is designed to protect the fixture against shattering.
- ◆ The lighting fixture can be plugged into standard outlets.
- ◆ Swivel hook is provided for hanging and hands-free operation.
- ◆ Hook design makes installation super easy.
- ◆ Battery backup is available for emergency situation.
- ◆ Changeable light source and battery can make replacement quite easy.

Standard Materials:

- ◆ Housing: Copper-free aluminum
- ◆ Lens: Glass

Catalog Number Logic:



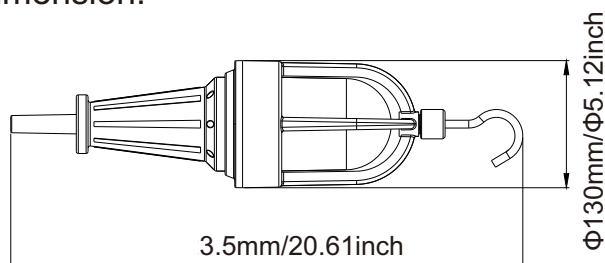
- | | | | |
|---|--|--|--|
| 1 PRODUCT CATEGORY
◆ Explosion proof light | 2 WATTAGE
◆ 5W/10W/20W/30W | 3 PRODUCT SERIES
◆ L Series
◆ LL Series | 4 TYPE
◆ X= 1-15 |
| 5 DIMMING OPTION
◆ D= Dimmable
◆ N= Non-dimmable | 6 CCT
◆ From 2200K to 7000K
◆ 22=2200K, 30=3000K, ..., 70=7000K | 7 BEAM ANGLE | 8 COVER TYPE
◆ A=blank: Flat cover
◆ A=C: Spherical cover |

Technical Data:

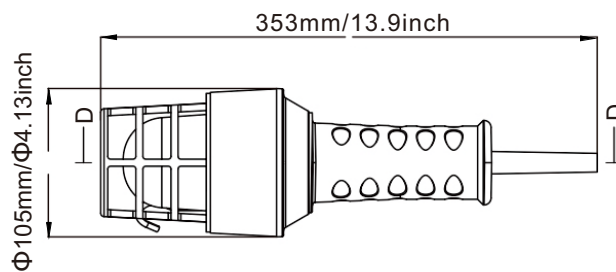
Model	Wattage	Operating Voltage	Lumens (lm)	Efficacy (lm/W)	CRI	CCT
EX-5W LXYZDA	5W	AC100-277V/DC12-36V 50/60 Hz	500	100	>70	2200K-7000K
EX-10W LXYZDA	10W		1000			
EX-20W LXYZDA	20W		2000			
EX-30W LXYZDA	30W		3000			
EX-5W LLXYZDA	5W		500			
EX-10W LLXYZDA	10W		1000			
EX-20W LLXYZDA	20W		2000			
EX-30W LLXYZDA	30W		3000			

LED Explosion Proof Light - L & LL Series

Dimension:



L Series



LL Series

Packing Information:

Model	Quantity/Carton	Packing Size	Net Weight	Gross Weight
L Series	6 PCS	595x500x525mm/23.43x19.69x20.67inch	13 kg/ 28.66 lbs	14 kg/ 30.86 lbs
LL Series	1 PCS	520x200x200mm/20.47x7.87x7.87inch	1.6 kg/ 3.53 lbs	1.8 kg/ 3.97 lbs

Note:

- ⦿ 5W LED drop light is suitable for replacement at the locations with 600W to 100W traditional bulbs.
- ⦿ This explosion-proof hand light operates on standard 120 Volts. This unit is available with either a 60W-100W bulb for Class 1 Division 1 operations (Gases Vapors) or a 60W bulb for Class 2 Division 1 operations (Dusts).

Installation Guidance:

⚠ WARNING Risk of fire, electric shock or personal injury. Please turn off power before installation!

- ⦿ READ INSTRUCTIONS CAREFULLY BEFORE INSTALLING. KEEP THIS INSTRUCTIONS FOR FUTURE REFERENCE.
- ⦿ THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY QUALIFIED ELECTRICIAN WHO IS FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDOUS INVOLVED.
- ⦿ Fixtures must be wired in accordance with the National electrical code and all applicable local codes. Proper grounding is required for safety.
- ⦿ Risk of fire or electric shock. Exit light installation requires knowledge of luminaires and electrical systems. DO NOT open the enclosure when energized. DO NOT try to install if not qualified. Please contact a professional electrician.
- ⦿ Risk of fire or electric shock. Suitable for wet locations. Make sure the power is off prior to installation.
- ⦿ Risk of fire or electric shock. Suitable for non-insulated surface and frame. DO NOT cover fixture with insulation liner or similar material.
- ⦿ DO NOT install in unstable, loose or breakable surfaces.
- ⦿ DO NOT let objects impact or exert force on the surface of the fixture.

LED Explosion Proof Light - L & LL Series

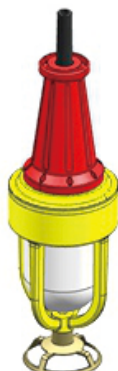
Installation Methods (Handheld & hook mounting):



Type L1-L3



Type L4-L6



Type L7-L9



Type L10-L12



Type L13-L15



Type LL1-LL3



Type LL4-LL6



Type LL7-LL9



Type LL10-LL12



Type LL13-LL15

Applications:

- ◆ Oil and gas industry
 - All petroleum production and refining
 - Petroleum loading and transportation
 - Petroleum storage and retail
 - LNG industry
 - All mining operations and service
- ◆ Ocean, marine and aerospace field
 - Ocean platform operation facilities
 - Aerospace clean room and production
 - Ocean vessel operations
- ◆ Food and alcohol industry
 - Flour and fine particle production and storage
 - Food and distilling production
 - Alcohol industry
- ◆ Chemical industry
 - All types of paint facilities
 - Chemical production and storage
- ◆ Metal treatment
 - Steel and aluminum factories
 - Pumping stations in any environment
 - Metal smelting, foundry and fabrication
- ◆ Other high humidity, high dust, high temperature, vapor locations.