

EPL-EMG-EXT-10W

10W Explosion Proof Emergency LED Exit Sign - 1050/430 Lumens - Class I, Div. 1 & 2, 90 Mins Emergency Runtime

Product ID: 333469

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: EPL-EMG-EXT-10W

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EPL-EMG-EXT-10W LED Emergency Exit Sign

Type: LED Emergency Exit Sign

Battery Type: Maintenance-free Sealed Lead Calcium

Case Dimensions: 13.5" H x 15.5" W x 6.25" D

Watts: 10

Lumens: 1050 (Normal Power) and 430 (Emergency Power)

Amps: 0.9A @ 120V AC, 0.04A @ 277V AC

Temperature Rating: 0°C to 40°C

Battery Type: Sealed Lead Acid

Voltage: 120-277V AC, 50/60Hz

Bulb Type: LED

Lamp Life: 60,000+ Hours

Charging Indicator: LED Indicator Light Signals Charging Status

Enclosure Type: NEMA 3

Temperature Rating: -

Case Material: Diecast Copper-Free Aluminum w/ Powder Finish

Mounting: Pendant, Ceiling, Wall or Stanchion

Emergency Run Time: 90 minutes

Housing Color: Tan

Ratings/Features:

Class I Divisions 1 & 2 Groups C & D

Class I Zones 1 & 2 Groups IIA & IIB

Class II Divisions 1 & 2 Groups E, F & G

Class III

Type 3, 4, 4X

Factory Sealed

90 Minute Emergency Runtime

Indicator Light Signals Charging

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

The EPL-EMG-EXT-10W from Larson Electronics is a Class I Division 1 & 2 Explosion Proof LED Exit Sign with Emergency Battery Backup. The EPL-EMG-EXT-10W is designed to be able to withstand harsh conditions and hazardous environments with a durable aluminum construction. This 10W LED exit sign with emergency light operates on 120-277V AC voltage and includes a sealed lead acid battery for emergency situations. The EPL-EMG-EXT-10W produces 1050 lumens during normal operation and 430 lumens during emergency power situations.

The EPL-EMG-EXT-10W operates both under normal conditions via line voltage and under emergency conditions via battery power. This unit is rated for Class I Division 1 & 2 Groups C & D, Class I Zones 1 & 2 Groups IIA & IIB, Class II Divisions 1 & 2 Groups E, F and G and Class III hazardous environments. The emergency exit sign is constructed from durable and corrosion resistant copper-free aluminum and has a baked-on epoxy/polyester powder finish for increased durability. The exit sign is fully sealed and has a NEMA 3 rating for protection against the ingress of dust and water. This emergency-only exit sign also features an LED status indicator light that is visible through the lens to indicate charging.

Light Information: The emergency light on the EPL-EMG-EXT-10W consists of a 10-watt A19 LED bulb that produces 1050 lumens in normal operating mode and 430 lumens during emergency power situations. The LED light illuminates an exit sign to indicate safe egress areas during power outages and other emergencies.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Power/Voltage: The EPL-EMG-EXT-10W operates on 120-277V AC voltages.

Battery: The EPL-EMG-EXT-10W features maintenance free sealed lead acid batteries that provide an emergency runtime of at least 90 minutes.

Mounting: The EPL-EMG-EXT-10W can be mounted in several different ways. Available mounting choices include pendant, ceiling, wall and stanchion. Please indicate your desired mounting method below before ordering.

Applications: Extraction rooms, warehouses, manufacturing facilities, chemical plants and any other hazardous locations or areas with harsh locations that require emergency exit signage.



At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.



Frequently Asked Questions (FAQ)

There are no Fags



Image: EPL-EMG-EXT-10W



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EPL-EMG-EXT-10W

Product ID: 333469

Export Control Classification Number (ECCN): EAR99

Options:

EPL-EMG-EXT-10W-Mounting

Example: EPL-EMG-EXT-10W-PND

Mounting	
PENDANT	-PND
CEILING	-CLG
WALL	-WLM
STANCHION	-STNCH

Links (Click on the below items to view):

- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/333469.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/333469.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/333469.JPG>)
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- **HigResPic9**(<https://www.larsonelectronics.com/images/product/HigResPic9/333469.JPG>)
- **Video1**(<https://www.youtube.com/watch?v=h-gf1JdmBUg>)
- **Video2**(<https://www.youtube.com/watch?v=OGbw09xDtqI>)
- **Video3**(https://www.youtube.com/watch?v=12Quu_Q_HmI)
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