

EPL-EMG-EXT-3W

Explosion Proof Exit Sign - Class I, Division I - IP65 - 120V/277VAC - Emergency Battery Back-Up

Product ID: 48438

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



Image: EPL-EMG-EXT-3W

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-3W Explosion Proof Exit Sign

Listing: United States & Canada

Lamp Type: LED

Dimensions: 14.8"L x 3.69"W x 16"H

Voltage: 120/277VAC

Watts: 3

Lighting Configuration: Edge Illuminated Sign Panel

Battery Backup Runtime: 3 Hours

Battery Backup: Nickel Cadmium Battery Pack

Materials: Copper Free Aluminum Housing

Mounting: Ceiling Mount, Pendant Mount, Wall Mount

Wiring: 1/2" NPT Wiring Hub

Ratings/Approvals

Class I, Division 1, Groups C & D

Class I, Division 2, Groups A, B, C, D

Class II, Division 1, Groups E, F, G

Class III, Division 1

Class I, Zone 1, Groups IIA, IIB

Class I Zone 2, Groups IIA, IIB + H2 & IIC

UL 1598A, 844, 924, Marine Use

IP65, NFPA 101

T6 Temperature Rating

EnergyStar Compliant - Meets/Exceeds Requirements

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The EPL-EMG-EXT-3W Explosion Proof LED Exit Sign with back up emergency ballast from Larson Electronics is rated Class 1 Division 1 Class II Division I & II and is an ideal emergency exit marking solution for hazardous locations where failsafe reliability is a must. The exit sign is double sided, and can be seen from both sides.

The EPL-EMG-EXT-3W is an effective option for operators who wish to ensure their hazardous workspaces employ the most up to date and reliable means of marking emergency exit-ways available. Under normal conditions this emergency exit lamp uses normal external power to illuminate its 3 watt LEDs. In the case of power outages or in any situation where power is interrupted, this unit automatically switches to a battery backup which will power the unit for three hours or until power is restored. This fixture has three mounting options and is multi-voltage capable.

Click [here](#) for the non-emergency explosion proof exit sign.

Self-Adhesive Directional Arrows Included - Customer Applied

Adhere to Front/Back for Dual Faced Signs



Exit: Left



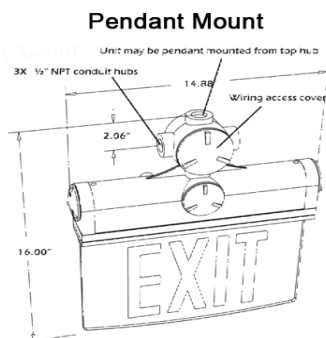
Exit: Right/Left



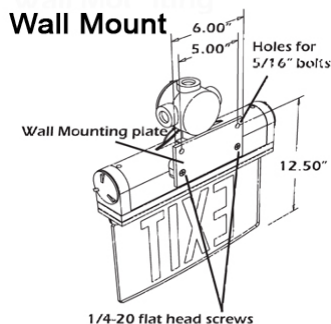
Exit: Right



**Self-Adhesive Arrows
Included**



Click Photo to Enlarge



Click Photo to Enlarge

This emergency exit marking fixture is explosion proof and carries an integral battery backup power supply. When external power is cut due to outages or accidents this lamp automatically switches to its battery backup which will power the lamp for three hours, longer than the requirements specified in the NEC. The EPL-EMG-EXT-3W sign panel is edge illuminated by LEDs and as a result draws only 3 watts of power and has an extreme LED luminary lifespan rated at 25 years. This fixture is approved for outdoor use and is resistant to saltwater making it suitable for use in marine environments.



Dual Side



Single Side

The unit is multi-voltage capable and can operate with 120V-277V/ 60HZ. This fixture can be pendant mounted, ceiling mounted or wall mounted and is constructed of copper-free aluminum. The LEDs in this unit produce very effective panel illumination that will be visible through smoke or obstructions making identification and location of exits in emergency situations easier than with typical self illuminated exit markers.

Made in the USA Quality

1. Uniform LED illumination
2. Battery Replacement Notification Built In
3. Universal 120V through 277VAC Selectable
4. 3 Hour Battery Backup Runtime
5. Copper-free aluminum housing
6. 1/2" NPT conduit hubs
7. Maintenance free
8. 25 Year LED Rated Lifespan
9. Fully Automatic Operation
10. Clear Acrylic Light Guide
11. High Intensity LEDs
12. Low Power Consumption (3 watts)
13. Fully Electronic Circuit Control

Superior LED Benefits

1. Extreme long life.
2. High efficiency and low amp draw.
3. High durability and reliability.
4. Small size and light weight.
5. 100% recyclable.
6. No toxins-lead, mercury.
7. High light output.
8. Consistent color over time.
9. High Versatility.
10. No fragile glass used in construction.
12. Vibration/impact resistant.



Frequently Asked Questions (FAQ)

There are no Faqs



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EPL-EMG-EXT-3W

Product ID: 48438

Export Control Classification Number (ECCN): EAR99

Options:

EPL-EMG-EXT-3W-Mount-Letter Color-Face Qty

Example: EPL-EMG-EXT-3W-CLG-RED-2F

Mount	
CEILING	-CLG
PENDANT	-PND
WALL	-WAL

Letter Color	
RED	-RED
GREEN	-GRN

Face Qty	
DUAL SIDE	-2F
SINGLE SIDE	-1F

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(<https://www.larsonelectronics.com/images/product/CECCert/48438.PDF>)
- **Certificate 1, Misc**(<https://www.larsonelectronics.com/images/product/Cert1/48438.PDF>)
- **Dimensional Drawing 2D**(<https://www.larsonelectronics.com/images/product/DimensionalDrawing/48438.PDF>)
- **LM80**(<https://www.larsonelectronics.com/images/product/LM80/48438.PDF>)
- **MSDS (Material Safety Data Sheet)**(<https://www.larsonelectronics.com/images/product/Msds/48438.PDF>)
- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/48438.PDF>)
- **STEP File (3D CAD Model)**(<https://www.larsonelectronics.com/images/product/Step/48438.ZIP>)
- **TM21**(<https://www.larsonelectronics.com/images/product/TM21/48438.PDF>)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(<https://www.larsonelectronics.com/images/product/NECCert/48438.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/48438.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/48438.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/48438.JPG>)
- **HigResPic4**(<https://www.larsonelectronics.com/images/product/HigResPic4/48438.JPG>)
- **HigResPic5**(<https://www.larsonelectronics.com/images/product/HigResPic5/48438.JPG>)
- **HigResPic6**(<https://www.larsonelectronics.com/images/product/HigResPic6/48438.JPG>)
- **HigResPic7**(<https://www.larsonelectronics.com/images/product/HigResPic7/48438.JPG>)
- **HigResPic8**(<https://www.larsonelectronics.com/images/product/HigResPic8/48438.JPG>)
- **HigResPic9**(<https://www.larsonelectronics.com/images/product/HigResPic9/48438.JPG>)
- **HigResPic10**(<https://www.larsonelectronics.com/images/product/HigResPic10/48438.JPG>)
- **Video1**(<https://www.youtube.com/watch?v=R64d0V1UbFU>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
- **Shipping Time Map**(<https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf>)