

EXP-EMG-EXT-LE6-1L

Explosion Proof Bug Eye Emergency LED
Fixture Instruction Manual



E X P E D I T E D S H I P P I N G · S U P E R I O R C U S T O M F A B R I C A T I O N

LARSON ELECTRONICS LLC · 9419 E US HWY 175 · KEMP, TX 75143

p: 1-800-369-6671 · intl: 903-498-3363 · f: 903-498-3364 · sales@larsonelectronics.com



Congratulations on the purchase of your new Explosion Proof Bug Eye Emergency LED Exit Fixture. Please read these instructions carefully to familiarize yourself with the safe operation and maintenance of your new emergency fixture. Following these instructions will insure many years of safe and dependable service.

Table of Contents

I. Installation & Operation	2
I.I Installation	2
I.II Operation	2
II. Trouble-Shooting & Maintenance	3
II.I Trouble Shooting	3
II.II Maintenance	3
III.Safety Warnings & Ratings	4
III.I Warnings	4
III.II Ratings	4

***Please visit our website for all warranty/return related questions.*

I. Installation & Operation

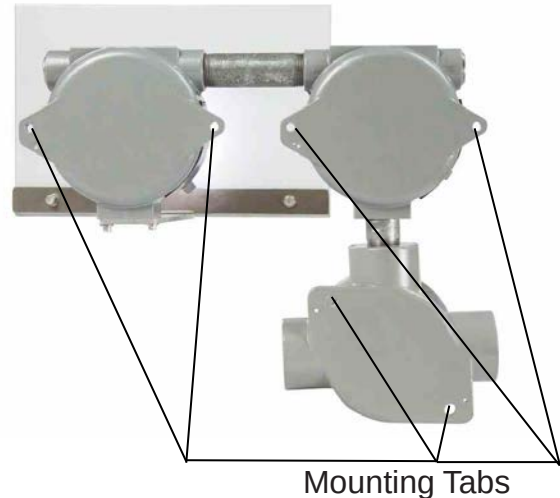
NOTE: The EXP-EMG-EXT-LE6-1L is designed to be surface mounted to flat surfaces such as walls.

I. Installation

Mounting for this fixture is achieved via mounting tabs located on the back side of the light.

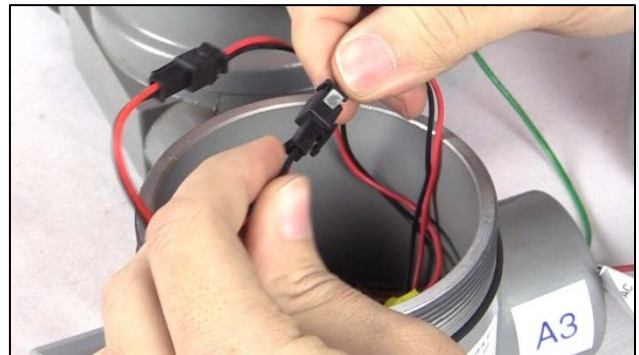
The EXP-EMG-2L-LE6 explosion proof emergency self-testing LED fixture is NOT a factory sealed fixture. Operators will bring their own rigid conduit to a junction box and complete their connects. Cap off any hubs that are not in use.

Both battery legs *must be* connected together. This prevents the battery from draining during storage and transit. **DO NOT CONNECT HIGH VOLTAGE TO BATTERY LEGS.**



II. Operation

1. Apply AC power to the light. The LED indicator will turn RED.
2. See wires labeled for connections.
3. Use appropriate methods for wiring within hazardous areas following all appropriate NEC codes. Consult an electrician if unsure.
4. In the event of power loss, the fixture will illuminate all lights automatically. Once power is restored, the lights will turn off and the batteries will charge.



II. Trouble-Shooting and Maintenance

CAUTION: Always turn AC power to the equipment OFF before servicing. Servicing should be performed only by a qualified service technician.

I. Trouble-Shooting

1. Problem: Emergency lights do not operate.

If the charge indicator light is OFF, check that the circuit breaker for AC supply is ON.

If the charge indicator light is OFF, check that they battery is properly connected. If the problem persists, replace the battery.

2. Problem: Emergency lights are dim.

The battery might not be fully charged. Allow battery to recharge for 24 hours and then retest. If the lights are still dim, replace the battery.

II. Maintenance

1. Battery: The battery supplied in the fixture requires no maintenance. However, it should be tested periodically and replaced when it no longer operates the connected fixtures for the duration of a 30-second or 90-minute test.

2. Other: Clean lenses and replace lamps as and when required.





III. Safety Warnings and Ratings

I. Warnings

WARNING: Risk of electric shock - never connect to, disconnect from or service while equipment is energized.

WARNING: Risk of fire - Lamps are hot. Keep combustible material away from the hot parts. Observe lamp manufacturer's warnings, recommendations and restrictions on lamp operation and maintenance. Make sure lamps are correctly installed.

The battery in this emergency fixture may not be fully charged. After electricity is connected, let the battery charge for at *least* 24 hours.

Consult local building code for approved wiring and installation.

Disconnect AC power before servicing and installation.

DO NOT use this electrical equipment for anything other than its intended use.

The use of accessory equipment is not recommended by the manufacturer and will void product listing and warranty and may cause unsafe conditions.

Any service on this equipment should be performed by qualified personnel only.

Cap unused wires with enclosed wire nuts or other approved method.

Make sure wire terminations are secure and leads are properly tucked in appropriate wire channels.

II. Ratings/Approvals

Class I, Divisions 1 & 2 Groups A, B, C, D

Class I, Zones 1 & 2 Groups IIB + H2

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

Class III, Divisions 1 & 2

90 Minute Emergency Runtime

24 Hour Battery Recharge Time

Self-Testing Unit

Horizontal and Vertical Adjustable