HAL-13-8W-LED-C-1227

Hazardous Location LED Light Instruction Manual



LARSON ELECTRONICS LLC · 9419 E US HWY 175 · KEMP, TX 75143
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I. Installation & Operation

This light fixture can run on voltages of 12V DC @ 0.66 amps or 24V DC @ 0.33 amps, depending on model chosen.

I. Installation

1. Mount fixture in desired location using 1/4" screws (not included).

2. To position, loosen the bolt at the end without the cord, adjust fixture to desired angle, and re-tighten to hold in place.

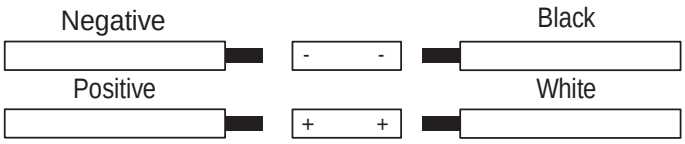
3. Supply side of the cord must be terminated with a listed cord connector complying with the NEC/CEC requirements of the installation. The cord connector must be rated for use with suitable cable of types SOW, STOOW, STOW, SEOW, SEOOW having a diameter between 8.75mm/o.345" and 9.4mm/0.370". The listed cord connector must be installed in a listed box complying with the NEC/CEC location requirements of the installation. The cord connector and box must be rated to the environment of the installation. The installation environment must not exceed the Ingress Protection IP65 rating of the luminaire.

4. Connect the lead wires from the cord to the field supply wiring inside the outlets box. The field wiring terminations are to be made following acceptable practices as outlined by the NEC/CEC for either the specific ordinary or hazardous locations as dictated by the installation location.

5. Energize luminaire.

**See drawing for mounting dimensions.*

II. Wiring Diagram



III. Features

10 Watts
12-24V DC
100,000 Hour Life Expectancy

IV. Options

Voltage: 12V DC @ 0.66 amps **OR** 24V DC @ 0.33 amps

Beam Type: 100° Flood **OR** 30° Spot

Loosen bolt to adjust to desired angle.



***DO NOT connect light to high-voltage. Doing so will cause permanent damage to fixture and void warranty.**

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II. Warnings and Safety Ratings

I. Warnings

To avoid the risk of fire, explosion, or electric shock, this product should be installed, inspected and maintained by a qualified electrician only, in accordance with all applicable electrical codes.

To avoid electric shock, be certain electrical power is OFF before and during installation and maintenance. Luminaire must be connected to a wiring system with an equipment-grounding conductor.

Do **NOT** install fixture in any classified location where the marked operating temperature exceeds the ignition temperature of the hazardous atmospheres.

Consult fixture nameplate for the suitability ambient temperature shown on the nameplate.

Refer to fixture nameplate for minimum supply wire temperature rating.

Verify that the supply voltage agrees with fixture rating as indicated on the nameplate.

All local and national electrical/building codes must be followed when installing this lighting fixture. For code interpretation, consult your local authority.

Product must be used only with glass tubes intact and all cap threads fully engaged. Do **NOT** use if glass tubes are cracked or damaged in any way.

Make sure that the power is disconnected before installing. This fixture is extremely heavy and must be mounted to a surface that can structurally support the load.

Do **NOT** let fixture hang on one bracket at any time. Failing to comply can result in breakage of end casting or mounting bracket, allowing the fixture to fall, which can cause serious injury or death.

Only use lamp size, type and/or wattage as shown on fixture nameplate.

II. Ratings

Class I, Division 2 Groups A, B, C, D
CSA 22.2 No. 250.0
1598
IP54 Ingress Protection
T3 Temperature Ratings