

8 Watt LED Light Fixtures for Hazardous Location Illumination - 120-240V w/ Stepdown Transformer

Part #: HAL-13-8W-LED-1227

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The Larson Electronics HAL-13-8W-LED-1227 is a low voltage hazardous location lighting solution approved for Class 1 Division 2 environments and U.L. 1598 compliant for use in wet locations. This powerful LED strip light produces 442 lumens, operates on 120-240 VAC with a step down transformer and is suitable for a variety of applications.

The HAL-13-8W-LED-1227 is designed to provide a high output and ruggedly durable lighting solution for applications where Class 1 Division 2 compliance is required. This low voltage hazardous area light can be operated with 120-240 volt AC current and includes 6 feet of connecting lead with standard two wire configuration. This light is constructed of powder coated extruded aluminum for excellent strength and durability and is rated IP54 for protection against exposure to water spray and limited dust ingress. These units are configured in a 13" long strip or "bar" profile for installation in locations where wide dispersal and a low profile is preferred. The high output, cool running operation, and good color rendering properties of this light make it an ideal replacement for older, bulkier, and less reliable incandescent and halogen light fixtures.

Durability/Mounting: The HAL-13-8W-LED-1227 hazardous location LED light is constructed of extruded aluminum with a tough powder coat finish for high strength and durability. The housing is IP54 rated, providing limited ingress protection against dusts, and I protection against light water spray such as rain. This design is weather resistant, suitable for indoor or outdoor applications, and ideal for areas where wetness or dusty conditions are commonly encountered.

The LEDs in this unit are Cree X-Lamp XR-E units that have been chosen for their high lumen per watt ratio and extreme long life. These Cree LEDs provide over 90 lumens per watt output and have a 70% lumen retention at 50,000 hours, giving them better efficiency and operational life than comparable LEDs.

Mounting for this unit is provided by two standard adjustable end brackets that allow operators to mount the light to flat surfaces and then adjust the light vertically for the best placement. The entire assembly weighs 0.7 lbs and measures 13.4 inches in length and 2.68 inches wide and 1.69" deep, making it ideal for mounting in areas where space is limited and a low profile fixture more readily installed.

Wiring/Power: These hazardous location LED lights are equipped with 6 feet of cord containing an explosion proof 5-15 plug rated at 15 amps. These lights operate from 120-240 volt AC current at 8 watts drawing 0.067 amps on 120 VAC and 0.034 amps on 240 VAC.

Versatility: The HAL-13-8W-LED-1227 is ETL approved for Class 1 Division 2 groups A,B,C and D locations. This unit carries an IP56 waterproof rating ensuring protection against limited ingress from dusts, dirt, oils and full protection against water sprayed at high pressure directly on the fixture. This light is ideal for indoor or outdoor applications and industrial operations with hazardous location classification where dusty or wet conditions are commonly encountered.

Specifications / Additional Information

HAL-13-8W-LED-1227 Hazardous Location LED Lighting

Lamp Type: LED

Dimensions: Lamp 13.38"-L 2.68" -W 1.69"- D

Weight: 0.7lb | 0.3 k g

Watts: 8.4

Voltage: 120-240

Lumens: 442

Lamp Life Expectancy: 100,000 Hours

CRI: 75

Amps: 0.067 A @120 VAC | 0.034 A @ 240 VAC

Light Color: 6500K

Beam Type: 100° Flood

Mounting: 1/4" - 20 Screws /Aluminum 1" Yoke

Temp Range: -40°C – +85°C

Wiring: 6Ft Lead w/ EPP-15A Explosion Proof Plug

ETL Listed

Class 1 Division 2 Groups A,B,C,D

CSA 22.2 No. 250.0

UL 1598

IP54 Ingress Protection

T3 Temperature Rating

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-498-3363

E-mail: sales@larsonelectronics.com

3 year warranty replacement on this LED light. After 30 days, the customer ships the failed LED light and/or LED bulb to Larson Electronics at their expense. If the failure is a manufacturer defect, we will ship a new replacement to the customer. If failure occurs within 30 days of receipt, Larson Electronics will provide a return label via email to the customer. When the failed light is returned, Larson Electronics will ship a new replacement.

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