

16 Watts LED Strip Light for Hazardous Location Lighting - 24" Surface Mount Bar - Class 1 Div 2

Part #: HAL-24-16W-LED

**Buy American Compliant**

The Larson Electronics HAL-24-16W-LED is a low voltage explosion proof lighting solution approved for Class 1 Division 2 environments and ETL 1598 compliant for use in wet locations. This powerful 24.9" long LED strip light produces 1208 lumens, operates from 12 or 24 VDC, and is suitable for a variety of applications.

The HAL-24-16W-LED is designed to provide a high output and ruggedly durable hazardous area lighting solution for applications where Class 1 Division 2 compliance is required. This low voltage explosion proof light can be operated with either 12 or 24 volt DC current (choose below) 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 splashing water and limited dust ingress. These units are configured in a 24.9" 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 HID and halogen light fixtures.

Durability/Mounting: The HAL-24-16W-LED 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 basic protection against splashing water 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 170° vertically for the best placement. The entire assembly weighs 1.4 lbs and measures 24.9 inches in length, and 2.68 inches wide and 1.69 inches deep, making it ideal for mounting in areas where space is limited and a low profile fixture more readily installed.

Wiring/Power: These hazardous area LED lights are equipped with 6 feet of cord containing a standard two wire (White+ Black-) connecting configuration. These lights are not multi-voltage; each light is preconfigured for 12 or 24 volt DC current at 16.8 watts 1.3 amps on 12 VDC and .66 amps on 24 VDC.

Versatility: The HAL-24-16W-LED is ETL approved for Class 1 Division 2 groups A,B,C and D locations. This unit carries an IP54 water resistant rating ensuring protection against limited ingress from dusts, dirt, and basic protection against light water spray landing 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-24-16W-LED Hazardous Location LED Lighting****Lamp Type:** LED**Dimensions:** Lamp 24.90"-L 2.68" -W 1.69"- D**Weight:** 1.4lb | 0.6 k g**Watts:** 16.8**Voltage:** 12 or 24 VDC**Lumens:** 1208**Lamp Life Expectancy:** 100,000 Hours**CRI:** 75**Amps:** 1.3 A @12 VDC | 0.66 A @ 24 VDC**Light Color:** 6500K**Beam Type:** 100° Flood or 30° Spot**Mounting:** Standard Triangle End Brackets**Temp Range:** -40°C – +85°C**Wiring:** 6Ft Lead | White: + Black: -**ETL Listed**

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

CSA 22.2 No. 250.0

1598

IP54 Ingress Protection

T3 Temperature Rating

Special Orders- Requirements

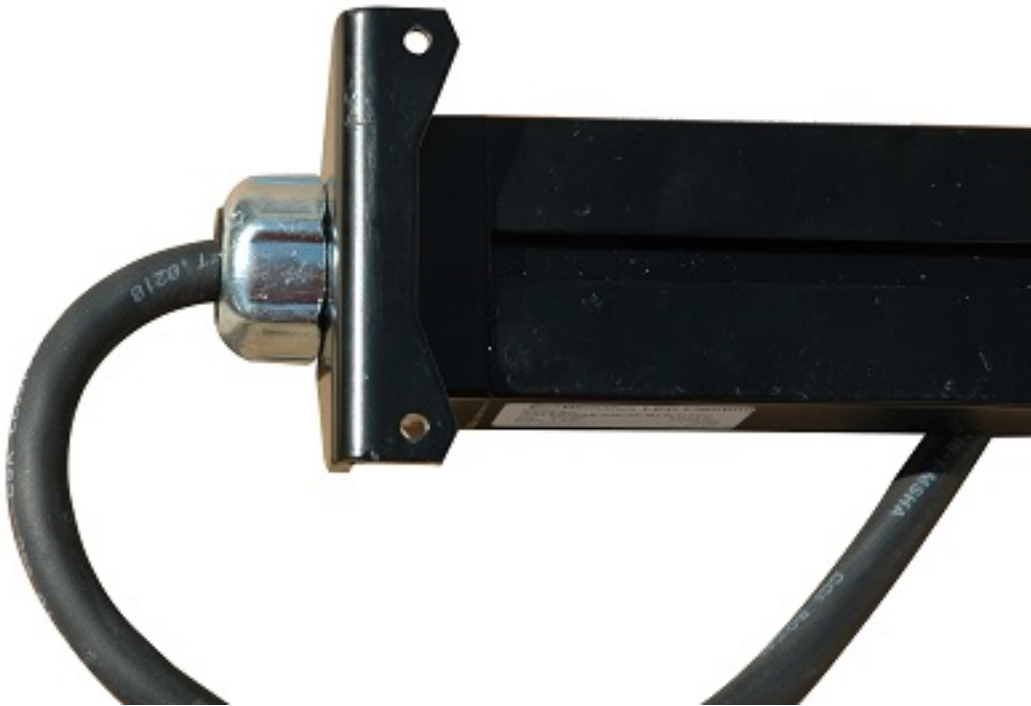
Contact us for special requirements

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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[Part #: HAL-24-16W-LED \(50933\)](#)



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