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HAL-48-33W-LED

33 Watt Low Voltage LED Fixture for Hazardous Location Lighting - Low Profile Linear Fixture - C1D2

Product ID: 50936

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



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.

HAL-48-33W-LED Hazardous Location LED Lighting

Lamp Type: LED
Dimensions: 46.88"-L 2.68" -W 1.69"- D
Weight: 2.8lb | 1.2 k g
Watts: 33.6
Voltage: 12-24 VDC
Lumens: 2416
Lamp Life Expectancy: 100,000 Hours
CRI: 75
Amps: 2.64 A @12 VDC | 1.32 A @ 24 VDC
Light Color: 5600K, 5000K, 4500K, 4000K, 3500K, 3000K, or 2700K
Beam Type: 100° Flood or 30° Spot
Mounting: Standard Triangle End Brackets
Temp Range: -40°C – +85°C
Wiring: 5Ft Lead | White: + Black: -

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.

ETL Listed

Class 1 Division 2 Groups A,B,C,D
CSA 22.2 No. 250.0
598
IP54 Ingress Protection
T3 Temperature Rating

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

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Buy American Compliant

The Larson Electronics HAL-48-33W-LED is a low voltage hazardous location lighting solution approved for Class 1 Division 2 environments and UL 1598 listed for use in wet locations. This powerful 46.88" long LED strip light produces 2416 lumens, operates from 12 or 24 VDC, and is suitable for a variety of applications.

The HAL-48-33W-LED is designed to provide a high output and ruggedly durable lighting solution for applications where Class1 Division 2 compliance is required. This low voltage explosion proof light can be operated with either 12 or 24 volt DC current and includes 5 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 46.88" 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-48-33W-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 2.8 lbs and measures 46.88 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 5 feet of cord containing a standard two wire (White+ Black-) connecting configuration. These lights operate from 12 or 24 volt DC current at 33.6 watts 2.64 amps on 12 VDC and 1.32 amps on 24 VDC.

Versatility: The HAL-48-33W-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.

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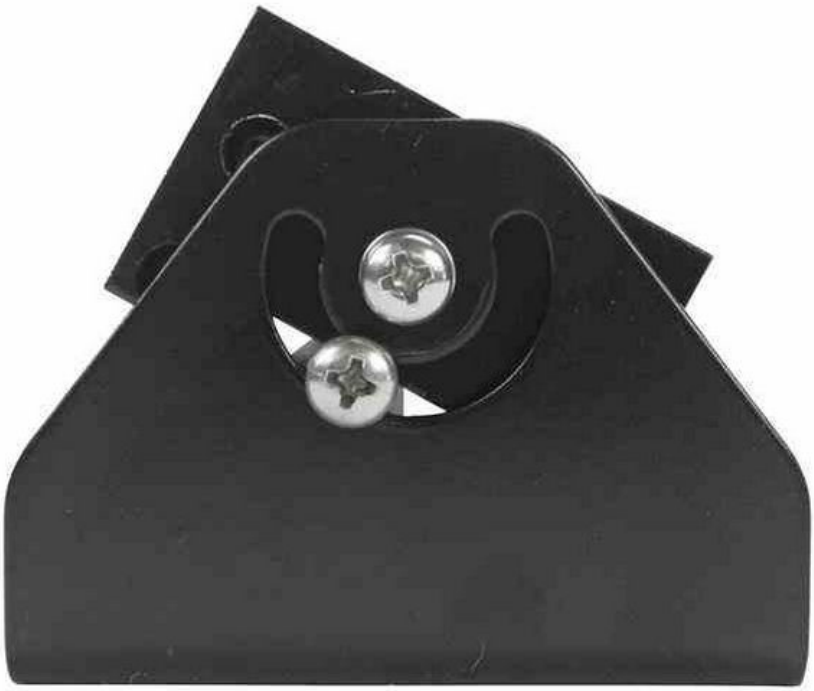
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Frequently Asked Questions (FAQ)









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HAL-48-33W-LED

Product ID: 50936

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

HAL-48-33W-LED-Color Temperature-Beam Config-Voltage

Example: HAL-48-33W-LED-56K-SP-12V

Color Temperature	
5600K	-56K
5000K	-50K
4500K	-45K
4000K	-40K
3500K	-35K
2700K	-27K

Beam Config	
SPOT	-SP
FLOOD	-FL

Voltage	
12V	-12V
24V	-24V

Links (Click on the below items to view):

- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- Dimensional Drawing 2D
- DXF (2D CAD Model)
- IES (Photometric File)
- MSDS (Material Safety Data Sheet
- Operations Manual
- STEP File (3D CAD Model)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map