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## HAL-48-33W-LED-1227

# 33 Watt Low Voltage LED Fixture for Hazardous Location Lighting - Low Profile Linear Fixture - C1D2 - 120-277V AC

**Product ID: 266437**

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

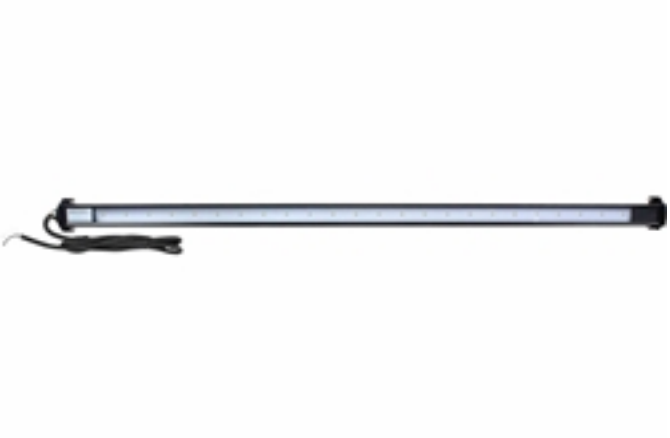


Image: HAL-48-33W-LED-1227

**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.**

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**HAL-48-33W-LED-1227 Hazardous Location LED Lighting**
**Lamp Type:** LED
**Dimensions:** 46.88"L x 2.68"W x 3.69"D
**Weight:** 2.8 lb | 1.2 k g
**Watts:** 33.6
**Voltage:** 120-277 V AC, 50/60 Hz
**Lumens:** 2416
**Lamp Life Expectancy:** 100,000 Hours
**CRI:** 75
**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: -

**ETL Listed**
Class I Division 2 Groups A,B,C,D
NRTL Certified to CSA 22.2 No. 250.0
NRTL Certified to UL 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

**Buy American Compliant**

**The Larson Electronics HAL-48-33W-LED-1227 is a low voltage hazardous location**

**lighting solution approved for Class I Division 2 environments and UL 1598 listed for use in wet locations. This powerful 46.88" long LED strip light produces 2416 lumens, operates on 120-277 V AC, 50/60 Hz, and is suitable for a variety of applications.**

The HAL-48-33W-LED-1227 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 on 120-277 V AC, 50/60 Hz 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.

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**Durability/Mounting:** The HAL-48-33W-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 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 3.69 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 on 120-277 V AC, 50/60 Hz current.

**Versatility:** The HAL-48-33W-LED-1227 is ETL approved for Class I 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.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our

custom options tailored to meet your specific industry needs.

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# Frequently Asked Questions (FAQ)

There are no Faqs

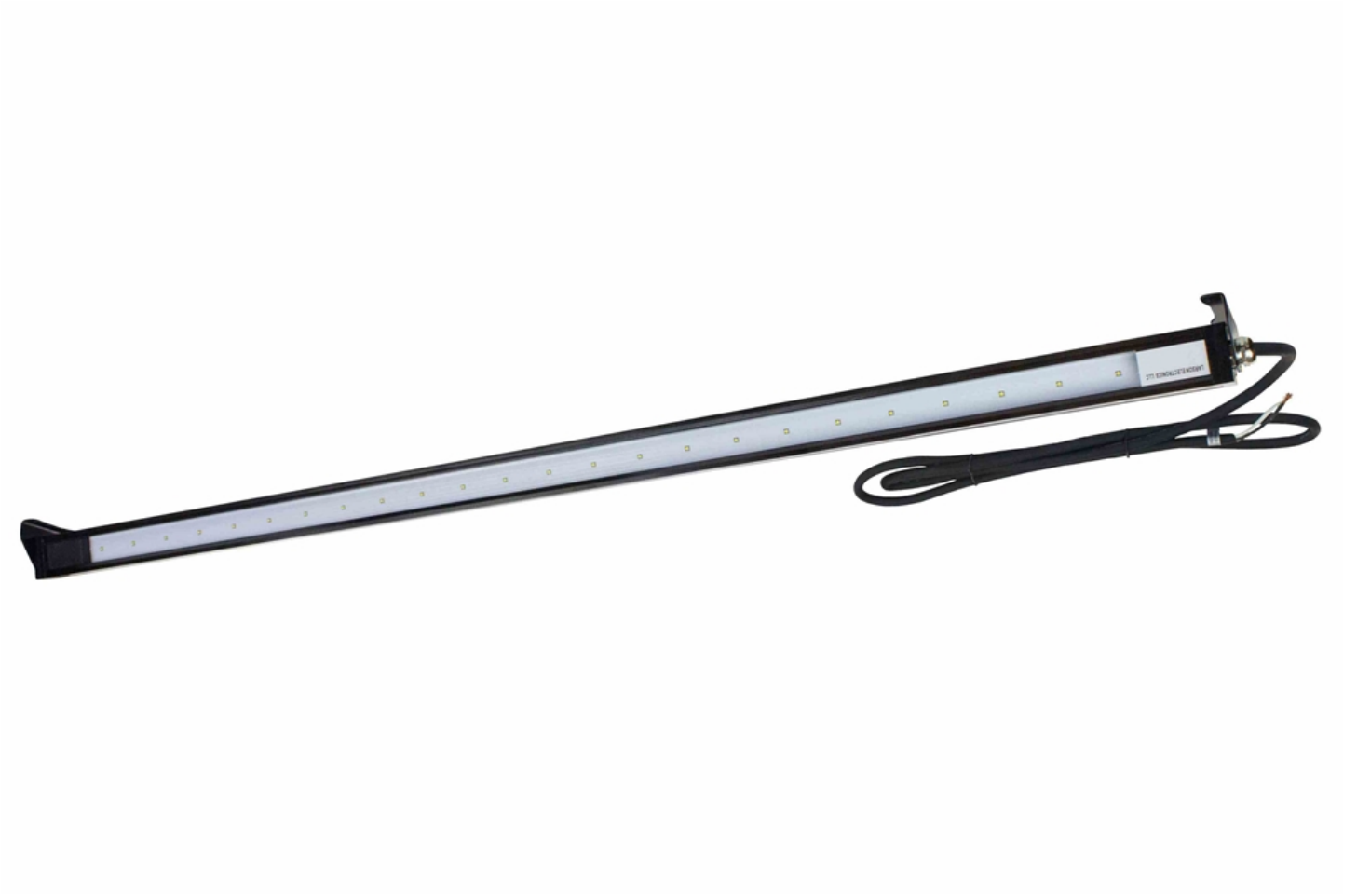


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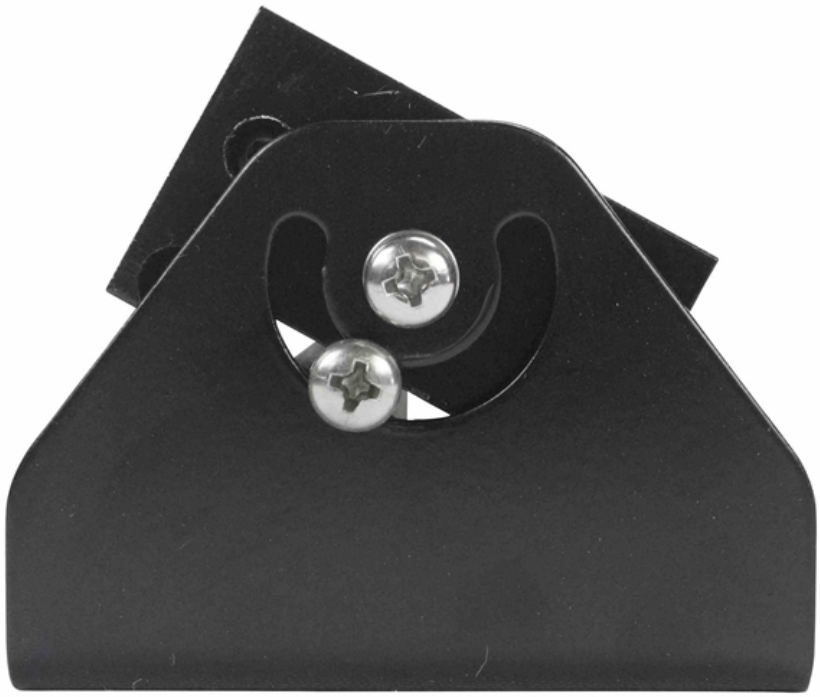


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**HAL-48-33W-LED-1227**

**Product ID: 266437**

**Harmonized System (HS) Code:** 9405.41.84.10
**Export Control Classification Number (ECCN):** EAR99

**Options:**

**HAL-48-33W-LED-1227-Color Temperature-Beam Config**
**Example: HAL-48-33W-LED-1227-56K-SP**

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

| Beam Config | |
|---|---|
| SPOT | -SP |
| FLOOD | -FL |

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**( https://www.larsonelectronics.com/images/product/CECCert/266437.PDF )
- **MSDS (Material Safety Data Sheet**( https://www.larsonelectronics.com/images/product/Msds/266437.PDF )
- **Operations Manual**( https://www.larsonelectronics.com/images/product/Manual/266437.PDF )
- **USA NEC Certificate (Commonly referred to as UL Certificate)**( https://www.larsonelectronics.com/images/product/NECCert/266437.PDF )
- **HigResPic1**( https://www.larsonelectronics.com/images/product/HigResPic1/266437.JPG )
- **HigResPic2**( https://www.larsonelectronics.com/images/product/HigResPic2/266437.JPG )
- **HigResPic3**( https://www.larsonelectronics.com/images/product/HigResPic3/266437.JPG )
- **HigResPic4**( https://www.larsonelectronics.com/images/product/HigResPic4/266437.JPG )
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