

20W LED Strip Light for Hazardous Location Lighting - Inline Switch - 120-240V AC - C1D2

Part #: HAL-24-16W-LED-ILS-1227



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The HAL-24-16W-LED-ILS-1227 from Larson Electronics is a Low Profile Hazardous Location Lighting Solution with Inline Switch that is approved for Class I Division 2 Groups A, B, C & D environments and UL 1598 compliant for use in wet locations. This powerful 24" long LED strip light produces 2,600 lumens, operates on 120-240V AC, and is suitable for a variety of applications. The HAL-24-16W-LED-ILS-1227 features an inline switch for easy on/off operation.

The HAL-24-16W-LED-ILS-1227 is designed to provide a high output and ruggedly durable lighting solution for applications where Class I Division 2 compliance is required. This low profile hazardous location LED strip light can be operated on 120-240V AC low voltage electrical current and includes 5 feet of connecting lead terminated in an EPP-15A Explosion Proof Plug. This light is constructed of powder coated extruded aluminum for excellent strength and durability and is rated IP65 for protection against exposure to low pressure water jets from all directions and sealed against dust penetration.

These units are configured in a 24" long strip or "bar" profile for installation in locations where wide dispersal and a low profile is preferred. Once installed, operators can rotate the light fixture side to side to position the light output as needed. 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.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

The LEDs in this linear light are Cree LEDs that have been chosen for their high lumen per watt ratio and extreme long life. These Cree LEDs provide over 130 lumens per watt output and have a 70% lumen retention at 50,000 hours, giving them better efficiency and operational life than comparable LEDs. This LED light produces 2,600 lumens of high-intensity LED light with color temperature options of 5000K, 4000K or 3000K along with a color rendering index of 75 which produces colors and details much more accurately than incandescent, halogen, or fluorescent light fixtures.

Durability: The HAL-24-16W-LED-ILS-1227 hazardous area LED light is constructed of extruded aluminum with a tough powder coat finish for high strength and durability. The housing is IP65 rated, providing ingress protection against dusts, and protection against low pressure jets of water from all directions, such as wash-down areas. This design is weatherproof, suitable for indoor or outdoor applications, and ideal for areas where wet, damp, or dusty conditions are commonly encountered.

Mounting: 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 2.1 lbs and measures 24 inches in length, 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 is more readily installed.

Wiring/Power: This light operates on 120-240V AC current. Each strip light is equipped with 5 feet of connecting lead terminated in an EPP-15A Explosion Proof Plug.

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.

Specifications / Additional Information**HAL-24-16W-LED-ILS-1227 Hazardous Location LED Lighting****Listing:** United States - Canada**Lamp Type:** LED**Dimensions:** 34"L x 2.68"W x 1.69"D**Weight:** 2.1 lbs | 0.9 kg**Voltage:** 120-240V AC**Ratings**

Listed for United States and Canada

Class I Division 2 Groups A, B, C & D

CSA 22.2 No. 250.0

UL 1598

IP65 Ingress Protection

Total Watts: 20

Total Lumens: 2,600

Luminous Efficacy: 130 Lm/W

Lamp Life: 50,000+ Hours

Color Temp: 5000K, 4000K or 3000K

Color Rendering Index: >75 CRI

Beam Angle: Spot or Flood

Power Efficiency: >95%

Power Factor: 0.992

Amperage: 0.168A @ 120V, 0.084 @ 240V

Ambient Operating Temp Range: -40°C to +60°C

Operating Temp Rating: T3

Housing Material: Extruded Aluminum

Housing Finish: Powder Coated - Black

Lens Material: Polycarbonate

Mounting: Adjustable Swivel Mount Surface Bracket

Wiring: 5Ft Lead w/ EPP-15A Explosion Proof Plug

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T3 Temperature Rating

70% Lumen Retention after 50,000 Hours

Factory Sealed Light Fixture

Inline Switch

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-214-616-6180

E-mail: sales@larsonelectronics.com

[This product does not qualify for free shipping.](#)

[Part #: HAL-24-16W-LED-ILS-1227 \(71657\)](#)

Options:

HAL-24-16W-LED-ILS-1227- BEAM ANGLE - COLOR TEMP

Example: HAL-24-16W-LED-ILS-1227-SP-50K

BEAM ANGLE		COLOR TEMP	
Spot	-SP	5000K	-50K
Flood	-FL	4000K	-40K
		3000K	-30K









Links (Click on the below items to view):

- [Manual](#)
- [Hi-Res Image 1 - 16 Watt LED Strip Light Main](#)
- [Hi-Res Image 2 - 16 Watt LED Strip Light Long Side Angle](#)
- [Hi-Res Image 3 - 16 Watt LED Strip Light 3/4 Angle](#)
- [Hi-Res Image 4 - 16 Watt LED Strip Light Top Angle](#)
- [Hi-Res Image 5 - 16 Watt LED Strip Light Switch Short Side Angle](#)
- [Hi-Res Image 6 - 16 Watt LED Strip Light On](#)
- [Hi-Res Image 7 - 16 Watt LED Strip Light Short Side Angle 2](#)
- [Hi-Res Image 8 - 16 Watt LED Strip Light On 2](#)
- [Hi-Res Image 9 - 16 Watt LED Strip Light Side Angle 2](#)
- [Hi-Res Image 10 - 16 Watt LED Strip Light Open Switch](#)