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HAL-7W-LED-V2-6C-TRK

6W Compact LED Fixture - C1D2 Hazardous Location Light - 6' 16/3 SOOW Cord w/ Male Turck Connector

Product ID: 150866

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-7W-LED-V2-6C-TRK Hazardous Location LED Light

Lamp Type: LED
Lamp Dimensions (w/o Bracket): 3.47" -Dia x 4.44"-Depth
Lamp Dimensions (w/ Bracket): 4.87"-H x 4.22" W

Weight: 2.3 lb | 1.04 kg
Watts: 6W
Voltage: 12-28V DC

Lumens: Spot: 587 - Flood: 459

Lamp Life Expectancy: 100,000 Hours
CRI: CW: 75, NW: 75, WW: 80
Amps: 0.5 A @12V DC | 0.25 A @ 24V DC
Light Color: CW: 6500K, NW: 4300K, WW: 3500K
Beam Type: 30° Spot or 120° Flood

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

Materials: Machined aluminum housing - acrylic lens
Housing Finish: Clear anodized finish
Temp Range: -40°C to +85°C
Typical Case Temperature: ~20°C above ambient temperature
Wiring: 6` 16/3 SOOW Cord w/ Male Turck Connector

Ratings

Class I, Division 2 Groups A,B,C,D
CSA 22.2 No. 250.0
UL 1598

IP66 Ingress Protection

T3 Temperature Rating
LM-80 > 60,500 hrs (based on Cree long term tests)

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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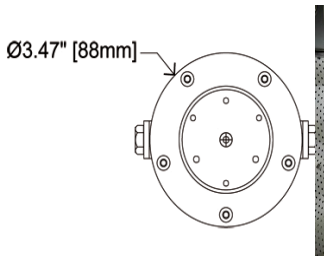
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Buy American Compliant

The Larson Electronics HAL-7W-LED-V2-6C-TRK is a low voltage hazardous area lighting solution approved for Class 1 Division 2 Environments and 1598 compliant for use in wet locations. This 6-watt LED light produces 587 lumens, operates from 12 or 24V DC, and is available in a variety of configurations to allow tailoring to the specific requirements of various applications. The LED fixture comes with 6` of 16/3 SOOW cord terminated in a male turck connector.

The HAL-7W-LED-V2-6C-TRK is designed to provide a high output and ruggedly durable lighting solution for applications where Class I, Division 2 compliance is required. This low voltage explosion proof light can be operated with either 12 or 24 volt DC current and includes 6 feet of 16/3 SOOW cord, which is terminated in a male turck connector. This 6-watt light is constructed of precision machined aluminum for excellent strength and durability and is rated IP66 for ingress protection against direct exposure to high pressure water spray.

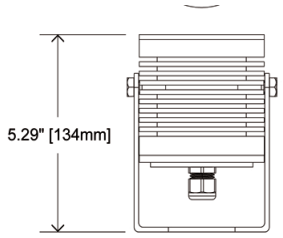
The HAL-7W-LED-V2-6C-TRK is available in a 30 degree spotlight beam configuration for distance and a 120 degree configuration for wide area illumination, and a cool white color temperature for maximum illumination. The high output, cool running operation, and good color rendering properties of this light make it an ideal replacement for older, bulkier, and less reliable incandescent and halogen lamps.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge







Durability: The HAL-7W-LED-V2-6C-TRK hazardous location LED light is constructed of machined aluminum for high strength and durability with a clear anodized finish for increased corrosion resistance. The housing is IP66 rated, providing protection against intrusion into the housing from oils and water directly sprayed on the housing at high pressure. This LED light is equipped with an impact resistant acrlyic lens for increased safety compared to glass lenses. This design is weather resistant, suitable for indoor or outdoor applications, and ideal for areas where wet conditions are commonly encountered.

High Output LEDs: 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 100,000 hours, giving them better efficiency and operational life than comparable LEDs. These lights are equipped with high purity optics and available in a 30 degree spotlight configuration for long beam length or 120 degree flood configuration for wide area coverage. Utilizing an acrylic lens, this fixture produces a higher light output than similar fixtures equipped with thicker glass lenses. The HAL-7W-LED-V2-6C-TRK has multiple color temperature options and is offered in

6500K cool white with a color rendering of 75, 4300K neutral white with a color rendering of 75, and 3500K warm white with a color rendering of 80.
Mounting: Mounting for this unit is provided by an included aluminum yoke that allows vertical adjustment of the light once installed. The mounting yoke is predrilled with two ¼ inch holes spaced 1-1/2 inches apart for easy and secure mounting to flat surfaces. The entire assembly weighs 2.3 lbs and measures only 3.47 inches in diameter and approximately 4-1/2 inches deep, making it ideal for mounting in areas where space is limited and a heavy fixture cannot be installed due to lack of support.
Wiring/Power: These hazardous location LED lights are equipped with 6 feet of 16/3 SOOW cord terminated in a male turck connector. These lights operate from 12 or 24 volt DC current at 6 watts.
Versatility: The HAL-7W-LED-V2-6C-TRK is ETL approved for Class 1 Division 2 groups A, B, C, and D locations. This unit carries an IP66 waterproof rating ensuring protection against ingress from oils and water sprayed at high pressure directly on the fixture. This light is ideal for indoor or outdoor applications, food processing, and industrial operations with hazardous location classification where 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)









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Product ID: 150866

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

HAL-7W-LED-V2-6C-TRK-Voltage-Beam Config-Color Temp

Example: HAL-7W-LED-V2-6C-TRK-12V-WIDE-6500K

Voltage	
12V DC	-12V
24V DC	-24V

Beam Config	
WIDE	-WIDE
NARROW	-NRRW

Color Temp	
CW 6500K	-6500K
NW 4300K	-4300K
WW 3500K	-3500K

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**
- **MSDS (Material Safety Data Sheet**
- **Operations Manual**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**