

HAL-7W-LED-NB

7 Watt Compact Aluminum LED Fixture for Hazardous Area Location Lighting - No Mounting Bracket

Product ID: 69942

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-NB Explosion Proof LED

Lamp Type: LED

Dimensions: Lamp 3.47" Diam"- 4.50"-Depth 5.29" Height- w Bracket

Weight: 2.3 lb | 1.04 k g

Watts: 7.9 W @ 12 VDC | 8.4 W @ 24 VDC

Voltage: 12-24 VDC

Lumens: 604 - Sceptic Lumens: 1293

Lamp Life Expectancy: 100,000 Hours

CRI: 75

Amps: 0.66 A @12 VDC | 0.35 A @ 24 VDC

Light Color: 6500K

Beam Type: 30° Spot or 120° Flood

Mounting: N/A

Temp Range: -40°C – +85°C

Wiring: 5Ft Lead | White: + Black: -

ETL Listed

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

CSA 22.2 No. 250.0

UL 1598

IP66 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

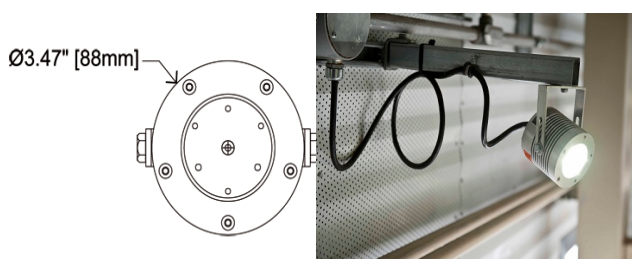
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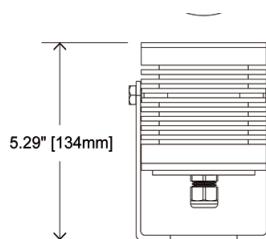
The Larson Electronics HAL-7W-LED-NB is a low voltage hazardous area lighting solution approved for Class 1 Division 2 Environments and 1598 lumens, operates from 12 or 24 VDC, and is available in a variety of configurations to allow tailoring to the specific requirements of various applications.

The HAL-7W-LED-NB 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 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-NB 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](#)



Durability/Mounting: The HAL-7W-LED-NB hazardous location LED light is constructed of machined aluminum for high strength and durability. 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 design is weather resistant, suitable for indoor or outdoor applications, and ideal for areas where wet 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.

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 explosion proof 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 7.9 watts 0.66 amps on 12 VDC and 8.4 Watts 0.35 amps on 24 VDC.

Versatility: The HAL-7W-LED-NB 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 and industrial

operations with hazardous location classification where wet conditions are commonly encountered.
These lights are also available in a 30 degree spotlight configuration for long beam length or 120 degree flood configuration for wide area coverage.

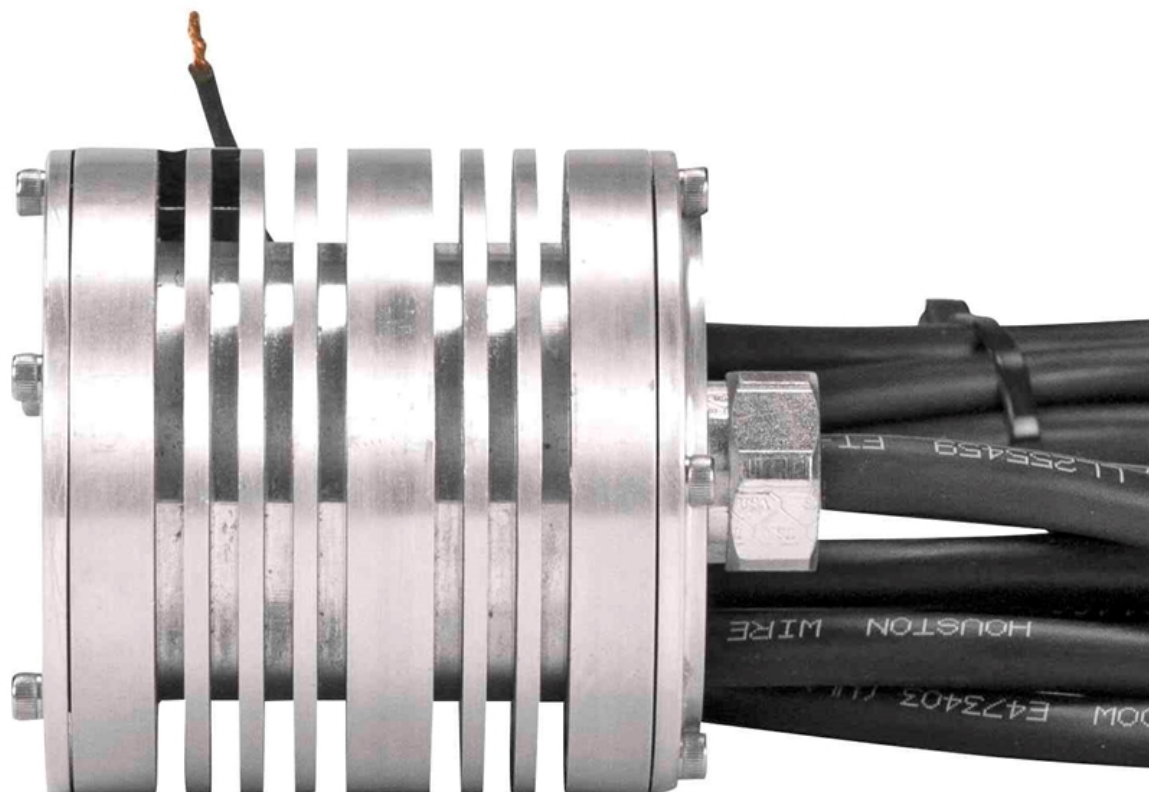


Frequently Asked Questions (FAQ)









HAL-7W-LED-NB

Product ID: 69942

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

HAL-7W-LED-NB-Beam Config-Color Temp

Example: HAL-7W-LED-NB-WIDE-6500K

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 \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)