

**Class 1, Division 2 Groups A,B,C,D Chemical Resistant LED Light - 10 Watts - Non-Metallic - Corrosio**

Part #: HAL-CRNM-LED7W

**Made in the USA**

The HAL-CRNM-LED7W Class 1, Division 2 Chemical Resistant LED Light from Larson Electronics is UL rated Class 1 Division 2 Groups A,B,C,D and produces 1050 total lumens. This waterproof LED equipped light is pendant, ceiling, or wall mounted, and available in 120-277 VAC or 12/24 VDC voltage configurations.

The powerful and durable HAL-CRNM-LED7W explosion proof LED light from Larson Electronics is ideal for industrial applications, hazardous work spaces, and areas where gases and vapors may be present and a powerful and durable general purpose light solution is needed. The lamp housing is waterproof, constructed of corrosion and chemical resistant GE Lexan polycarbonate with Pyrex globe, USCG accepted, and NEMA 4X compliant and suitable for hose-down areas. This LED lamp has a 50,000 hour operational life and is available in 120-277 VAC and 12/24 VDC configurations for high or low voltage operation.

Chemical Environment	Compatibility Rating
<b>Automotive-Related Environments</b>	
Diesel Fuel	Excellent
Gasoline	Excellent
Motor Oil	Excellent
Anti-Freeze (50%)	Excellent
Ethylene Glycol (100%)	Excellent
Windshield Washer Solvent	Excellent
<b>Organic Solvents</b>	
Acetone	Poor
Ethyl Acetate	Poor
Toluene	Excellent
Methylene Chloride	Poor
Methanol	Fair
Ethanol	Excellent
Freon® F113	Excellent
<b>Acids</b>	
36% Sulphuric (Battery)	Excellent
10% Sulphuric	Excellent
10% Hydrochloric	Excellent
100% Acetic	Fair
<b>Bases</b>	
10% Ammonium Hydroxide	Excellent
10% Sodium Hydroxide	Poor
<b>Salt Solutions</b>	
50% Aqueous Zinc Chloride	Excellent
10% Aqueous Sodium Chloride	Excellent
10% Zinc Chloride	Excellent



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This hazardous area LED light carries a T2D temperature rating and has a -29C to 40C (-29F to 104F) operating temp range. This LED light carries UL 1570/1571 and UL 595 compliance and is waterproof and suitable for spray down areas and marine locations. Wiring is through 3/4" NPT hubs. This LED light carries UL and CSA certification, UACG acceptance, UL 1570/1571 approval for wet locations in any orientation, UL595 approval for marine environments, and NEMA 4X compliance for hose down areas.

The LED lamp in this unit offers exceptional power, a 50,000+ hour life span, and is protected by a Pyrex globe and polycarbonate globe guard. The LED lamp in this area light offers 1050 lumen light output. Light output with this explosion proof LED light is 20% brighter than a 100W incandescent bulb when measured with an Extech light meter at 10 feet. The unit shown is ceiling mount, and we offer pendant and wall mount versions as well for added installation versatility. The HAL-CRNM-LED7W is designed for resistance to the damaging and corrosive effects of chemicals with polycarbonate construction instead of metal and is ideal for locations where these hazardous compounds are commonly encountered.

**Voltages:** 120-277VAC 50/60Hz or 12-24VDC

Draws 0.4A average @ 12VDC

120VAC draws 0.04A average.

Wiring is through 3/4" NPT hubs.

**Temp Code:** Class 1 T2D 215°C° C (Do not install where the operating temperature exceeds the ignition temperature of the hazardous atmosphere.)

**Specifications / Additional Information****HAL-CRNM-LED7W****Lamp Type:** 10 Watt LED**Lamp Dimensions:** 5.94" OD , 9.60" Height (Ceiling Mount)**Lamp Weight:**N/A**Hub:** 3/4" NPT**Lumens:** 1050 (735 VDC)**Voltage:** 120-277 Volts 50/60hz AC, 24 Volts DC, and 12 Volts DC**Lighting Configuration:**Steady Burn**Mounting:** Ceiling, Wall, Pendant**Temp Rating:** T2D**LED Lamp Watts:** 10 Watts (7W for VDC)**Strobe Count:** N/A**Wiring:** 3/4 inch Hub**Lamp Life:** 50,000+ Hours**U.L Ratings**

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

UL 595: Marine Outside Type

UL 844: Class1 Division 2 Hazardous Location

UL Listed to CSA 22.2-137

NEMA 4X

-29C to 40C (-29F to 104F) Op Temp USCG Accepted

CSA Approved New York City Department of Buildings approved

Material meets UL 94-V-0 standards for flame retardancy ETL

Listings CSA Standard for Luminaires UL 1598A UL for Safety

Supplement Requirements for Luminaires for Installation on Marine

Vessels

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Contact us for special requirements

**Toll Free:** 1-800-369-6671**Fax:** 1-903-498-3364**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)[Scroll Down to Purchase](#)[Part #: HAL-CRNM-LED7W \(64330\)](#)





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