
**Class 1, Division 2 Groups A,B,C,D Chemical Resistant LED Light - 10 Watts - Non-Metallic
HAL-CRNM-LED7W**



HAL-CRNM-LED7W

Lamp Type: 10 Watt LED

Lamp Dimensions: 5.94" OD , 9.60" Height (Ceiling Mount)

Lamp Weight:N/A

Voltage:120-277V 50/60Hz AC, 12V DC or 24V DC

LED Lamp Watts: 10 Watts (7W for VDC)

Lumens: 1050 (735 VDC)

Lighting Configuration:Steady Burn

Lamp Life: 50,000+ Hours

Strobe Count: N/A

Temp Rating: T2D

Mounting: Ceiling, Wall, Pendant

Wiring: 3/4 inch Hub

Hub: 3/4" NPT

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 65C (-29F to 149F) 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

Special Orders- Requirements

Contact us for special requirements

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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 120-277V AC, 12V DC or 24V DC 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 120-277V AC, 12V or 24V configurations for high or low voltage operation.

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

This hazardous area LED light carries a T2D temperature rating and has a -29C to 65C (-29F to 149F) 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, USCG 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: 120-277V AC 50/60Hz, 12V DC or 24V DC

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.)

Custom Built Systems Available: Larson Electronics is a manufacturer and we can build portable power distribution systems to your specifications. Although we carry several models of portable power distribution systems in stock, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model

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does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

Options:

HAL-CRNM-LED7W-Voltage-Mount-Color Temp

Example: HAL-CRNM-LED7W-1227-PND-56K

Voltage	
120-277V	-1227
12VDC	-12VDC
24VDC	-24VDC

Mount	
PENDANT	-PND
CEILING	-CLG
WALL	-WAL

Color Temp	
5600K	-56K
4500K	-45K
3000K	-30K

Links (Click on the below items to view):

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- [Ceiling Mount view of the Non Metallic 10 Watt LED Fixture from Magnalight](#)
- [DFX](#)
- [DimensionalDrawing](#)
- [ies](#)
- [large](#)
- [Manual](#)
- [medium](#)
- [Pendant Mount view of the Non Metallic 10 Watt LED Fixture from Magnalight](#)
- [STEP](#)
- [Wall Mount view of the Non Metallic 10 Watt LED Fixture from Magnalight](#)
- [HigResPic1](#)
- [Video1](#)