Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

HAL-CRNM-NLA

NO LAMP C1D2 Groups A,B,C,D Chemical Resistant Light Housing - Non-Metallic - Corrosion Resistant

Product ID: 145890

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-CRNM-NLA Light Housing *NO LAMP*
Lamp Type: NO LAMP - Housing Only
Housing Dimensions: 5.94" OD , 9.60" Height (Ceiling Mount)
Housing Weight: 2 lbs
Hub: 3/4" NPT
Wattage: 100W Max
Voltage: 120-277V AC @ 50/60Hz, 12V DC, and 24V DC
Mounting: Ceiling, Wall or Pendant

Temp Rating: T2D

Wiring: 3/4 inch hub
Operating Temperature Range: -29°C to 40°C (-29°F to 104°F)
Housing Material: GE Lexan Polycarbonate
Globe Material: Pyrex
Enclosure Type: NEMA 4X

Ratings/Features:
Class I Division 2 Groups A, B, C & D
UL 1598A
UL 844: Class I Division 2 Hazardous Location
UL Listed to CSA 22.2-137
CSA Standard for Luminaires
USCG Accepted
Meets UL 94-V-0 standards for flame retardancy
UL for Safety for Supplemental Requirements for Luminaires for Installation on Marine Vessels
New York City Department of Buildings Approved

Special Orders- Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

Made in the USA

The HAL-CRNM-NL Class I Division 2 Chemical Resistant No Lamp Light Housing from Larson Electronics is UL rated for Class I Division 2 Groups A,B,C,D hazardous areas. This waterproof light housing is pendant, ceiling, or wall mounted, and available in 120-277V AC or 12/24V DC voltage configurations. The HAL-CRNM-NL works with operator provided

LED lamps, incandescent lamps up to 100W, and compact fluorescent lamps.

Please note that the HAL-CRNM-NL is a light housing ONLY and that no lamp is included.

The durable HAL-CRNM-NL explosion proof light housing 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 housing 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 lamp housing is available in 120-277V AC and 12/24V DC configurations for high or low voltage operation.

Chemical Resistance Chart

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

This hazardous area light housing carries a T2D temperature rating and has a -29°C to 40°C (-29°F to 104°F) operating temp range. This light housing 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 no lamp light housing 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.



Click Photo to Enlarge

The unit shown is ceiling mount and we offer pendant and wall mount versions as well for added installation versatility. The HAL-CRNM-NL 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 or 12-24V DC
Draws 0.4A average @ 12V DC
120V AC draws 0.04A average.
Wiring is through 3/4" NPT hubs.

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

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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HAL-CRNM-NLA

Product ID: 145890

Warranty: 36 Months.

Export Control Classification Number (ECCN): EAR99

Options:

HAL-CRNM-NLA-Voltage-Mount

Example: HAL-CRNM-NLA-1224-PND

Voltage	
LOW VOLTAGE (12 24VDC)	-1224
HIGH VOLTAGE (110-277VAC)	-1227

Mount	
PENDANT	-PND
CEILING	-CLG
WALL	-WAL

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**