

HAL-CRNM-LED10W-PC-G2-10C-EPP

Chemical Resistant LED Light w/ 10' Cord - 1150 Lumens - C1D2/C2D2- Non-Metallic-Polycarbonate Lens

Product ID: 150713



Image: HAL-CRNM-LED10W-PC-G2-10C-EPP

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-LED10W-PC-G2-10C-EPP Hazardous Location Non-Metallic LED Light

Lamp Type: A19 LED
Lamp Dimensions (Ceiling Mount): 10.84"H x 4.75"OD
Lamp Dimensions (Wall Mount): 7.3"L x 5.19"W x 12.26"H
Weight: 3 lbs
Voltage: 120-277V AC, 12VDC or 24VDC
Total Watts: 12W
Lumens: 1,150
Luminous Efficacy: 95 Lm/W
Lamp Life: 50,000+ Hours
Color Temp: 6000K, 4500K, 3000K, Red, Blue, Amber, or Green
Color Rendering Index: >80 CRI
Beam Angle: Omni-Directional
Lighting Configuration: Steady Burn
Power Efficiency: >95%
Power Factor: 0.992
Amp Draw: 0.083A @ 120V, 0.042A @ 240V, 0.036A @ 277V, 0.42A @ 24V
Ambient Operating Temp Range: -50°C to +85°C
Operating Temp Rating: T2D
Housing Material: Polycarbonate
Lens Material: Polycarbonate
Mounting: Ceiling or Wall
Wiring Hub: 3/4" NPT
Cord Cap Options: 5-15P, 5-20P or 6-20P

Ratings/Approvals

Listed for United States and Canada
Class I, Division 2, Groups A, B, C, D
Class I, Zone 2, Groups IIC, IIB, IIA
Class II, Division 2, Groups F, G
IP66
NEMA 3, 4, 4X
NRTL listed to UL 844 Hazardous Locations
NRTL listed to UL 1598 Luminaries
NRTL listed to UL 1598A Marine Luminaries
CSA C22.2 No. 137 Hazardous Locations
NRTL listed to UL 94-V-0 Flame Retardant
USCG Accepted
ABS Type Approved
New York City Department of Buildings Approved

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

Made in the USA

The HAL-CRNM-LED10W-PC-G2-10C-EPP from Larson Electronics is a Class I, Division 2 and Class II, Division 2 Chemical Resistant LED Light that is for use in hazardous locations and produces 1,150 total lumens. This waterproof LED equipped light can be ceiling or wall mounted, and available in 120-277V AC, 12V DC or 24V DC voltage configurations. The HAL-CRNM-LED10W-PC-G2-10C-EPP features a durable and resilient polycarbonate lens.

The powerful and durable HAL-CRNM-LED10W-PC-G2-10C-EPP 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 polycarbonate with a polycarbonate lens, USCG accepted, ABS Type approved, 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 DC or 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

[Click Photo to Enlarge](#)

Lamp: The 12-watt LED lamp used in this unit produces nearly 3 times the illumination of incandescent lamps as measured in foot candles, at less than 1/10th of the electricity usage and without the associated heat. This LED light runs at operating temperatures of 55°F, greatly reducing the chances of accidents or burns commonly associated with incandescent drop lights. The solid state LED bulb has no filament, making it resistant to damage from impacts and dropping. This lamp has a high efficiency LED bulb that requires no ballast, so the operator doesn't need to drag

the ballast housing around.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

[Click Photos to Enlarge](#)



5-15 Straight Blade Plug



5-20 Straight Blade Plug



6-20 Straight Blade Plug

Wiring & Plug: This explosion proof LED light is equipped with 10 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an explosion proof cord cap for easy connection to explosion proof outlets. Plug options include a 5-15 15 amp straight blade plug for use with 120V explosion proof outlets, a 5-20 20 amp straight blade plug for use with 120V explosion proof outlets, or a 6-20 20 amp straight blade plug for use with 220-240V explosion proof outlets. ****PLEASE NOTE**** voltage ratings on plugs and outlets are MAXIMUM voltage. For low voltage applications, proper voltage must be applied to the outlet or damage to the light fixture will occur.

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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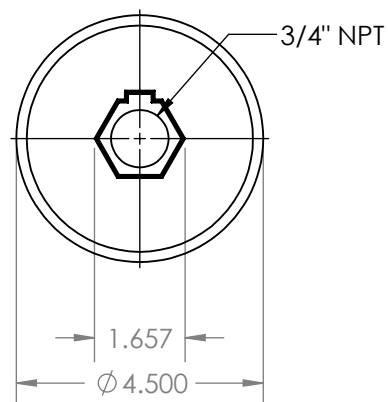
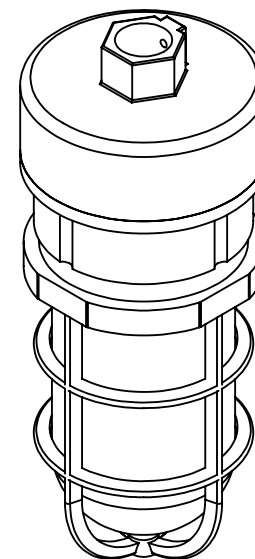
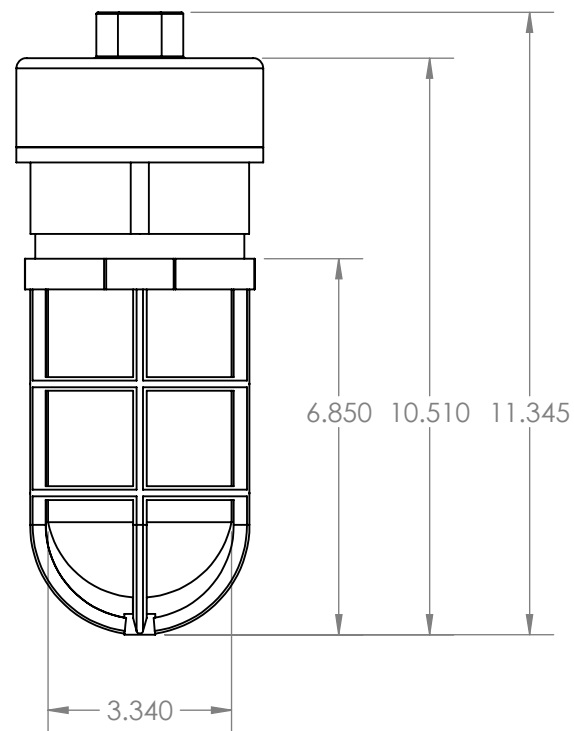
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TITLE:

HAL-CRNM-LED-PND

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FINISH

SURFACE AREA [sq. in]

DIMENSIONS ARE IN INCHES

MATERIAL

DO NOT SCALE DRAWING

DRAWN

CHECKED

DATE

NAME

CHRISTOPHER THAUER

N/A

5/13/2021

SIZE
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DWG. NO.

REV

SCALE: NTS

SHEET 1 OF 3

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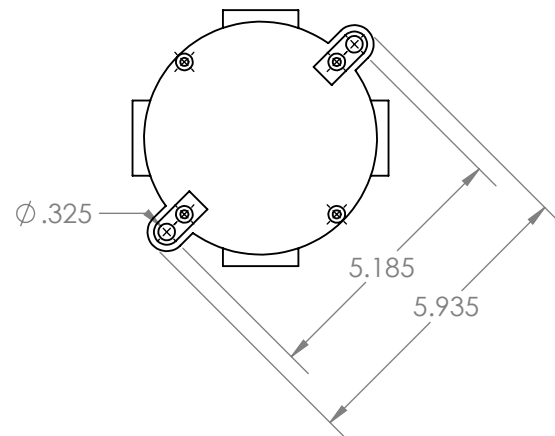
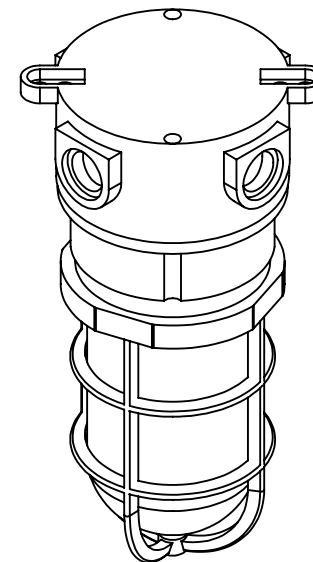
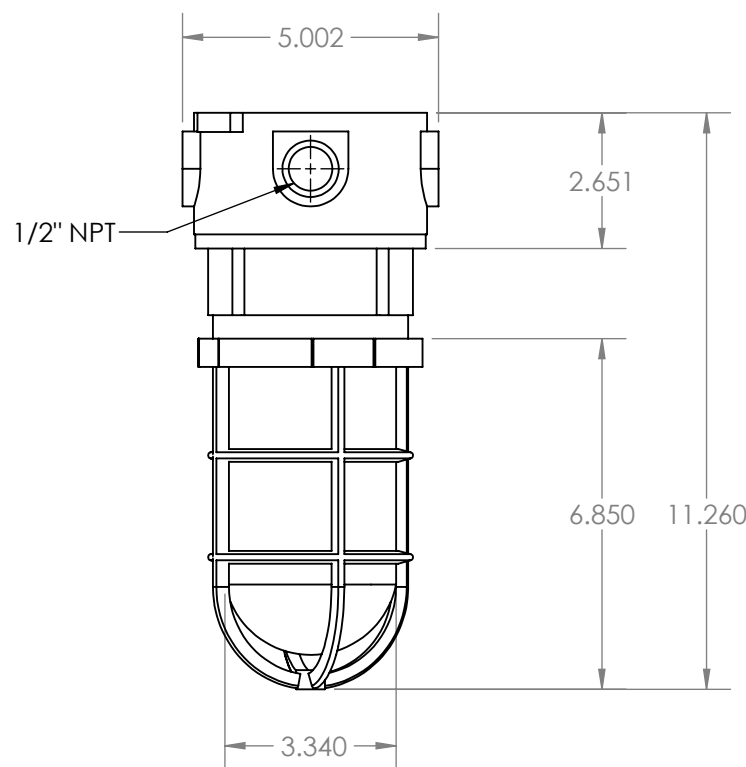
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TITLE: HAL-CRNM-LED-CM			
SIZE A	DWG. NO.	REV	
SCALE: NTS		SHEET 2 OF 3	

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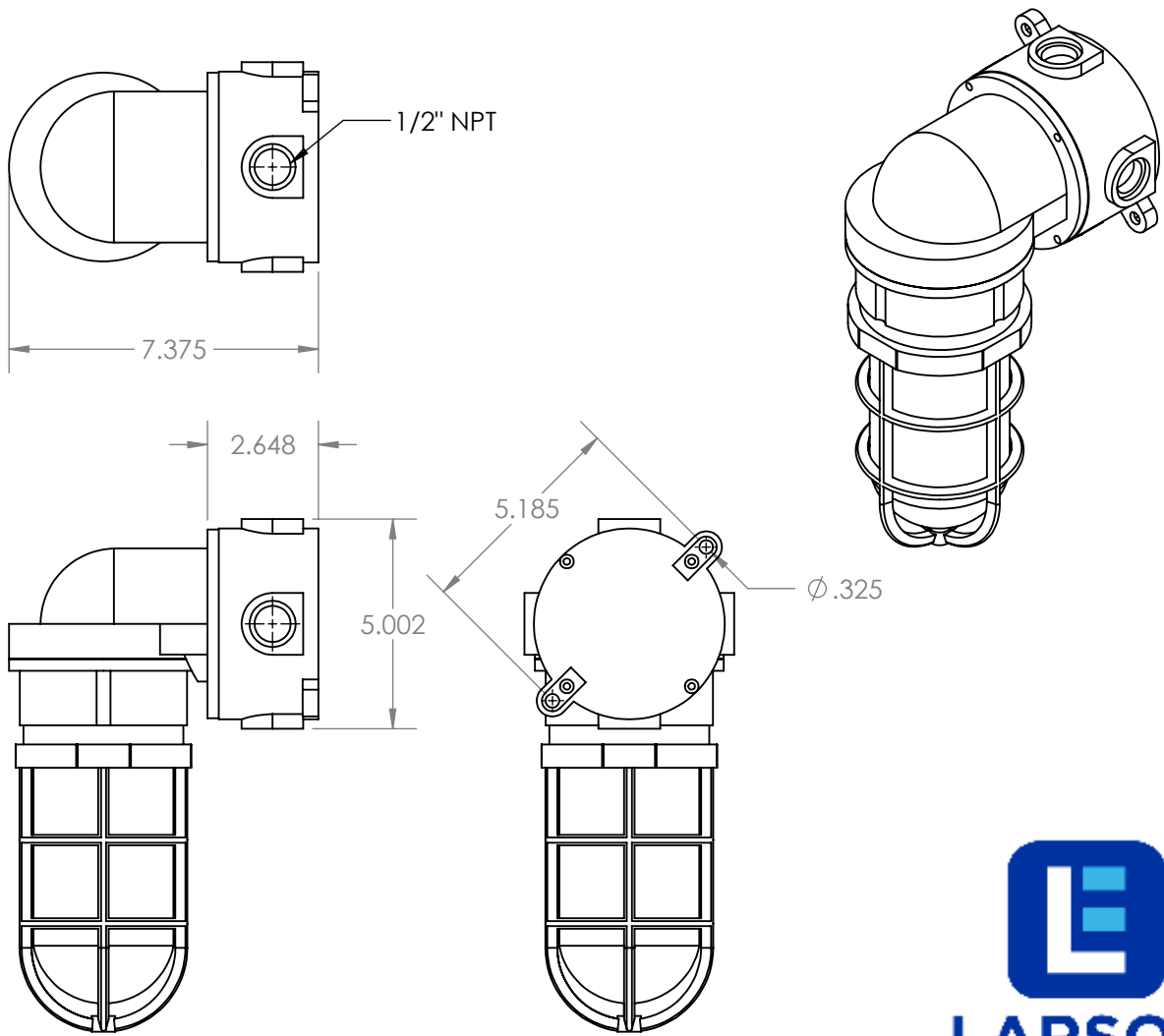
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Frequently Asked Questions (FAQ)

There are no Faqs