

VPLED-CRNM-LED10W-125VDC

Vaporproof White LED Light - 10 Watts - Non-Metallic - Corrosion Resistant - 1050 Lumens - 125V DC

Product ID: 282293

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: VPLED-CRNM-LED10W-125VDC

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.

VPLED-CRNM-LED10W-125VDC Vapor Proof LED Light

Lamp Type: LED

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

Hub: 3/4" NPT

Watts: 10W

Lumens: 1050

Voltage: 125 V DC

Amps: 0.08 Amps

Lighting Configuration: Steady Burn

Mounting: Ceiling, Wall, Pendant, or Stanchion

Temp Rating: T2D

Strobe Count: Non Strobing

Wiring: 3/4 inch Hub

LED Lamp Life Expectancy: 50,000+ Hours

Ratings/Features:

NRTL Certified to UL 595: Marine Outside Type

NEMA 4X

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

Accepted

CSA Approved

New York City Department of Buildings Approved

NRTL to UL 94-V-0 Standards for Flame Retardancy

CSA Standard for Luminaires

NRTL Certified to UL 1598A

NRTL Certified to UL Standards for Safety Supplement

Requirements for Luminaires for Installation on Marine Vessels

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The VPLED-CRNM-LED10W-125VDC from Larson Electronics is a Vaporproof White LED Light that is waterproof and produces 1050 lumens of high-intensity LED light while drawing only 10 watts. This waterproof LED equipped light is pendant, ceiling, wall, or stanchion mounted, and operates on 125 V DC.

The powerful and durable VPLED-CRNM-LED10W-125VDC vaporproof white LED light from Larson Electronics is ideal for industrial applications, general work spaces, and areas where wet conditions 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 operates on 125 V DC.



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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.

This waterproof LED light has a -29°C to 40°C (-29°F to 104°F) operating temp range. This LED light is NRTL certified to 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, NRTL certified UL 1570/1571 approval for wet locations in any orientation, NRTL certified 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 selection in this wet area light

offers white light output. Light output with this explosion proof LED light is 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 VPLED-CRNM-LED10W-125VDC 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 compounds are commonly encountered.

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

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.



Frequently Asked Questions (FAQ)

There are no Fags



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Product ID: 282293

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

VPLED-CRNM-LED10W-125VDC-Mount

Example: VPLED-CRNM-LED10W-125VDC-PND

Mount	
PENDANT	-PND
CEILING	-CLG
WALL	-WAL
STANCHION 25	-STNCH25

Links (Click on the below items to view):

- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/282293.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/282293.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/282293.JPG>)
- **HigResPic4**(<https://www.larsonelectronics.com/images/product/HigResPic4/282293.JPG>)
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