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VPLED-CRNM-LED10W

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

Product ID: 147474

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.

VPLED-CRNM-LED10W Vapor Proof LED Light
Lamp Type: LED
Lamp Dimensions: 5.94"OD, 9.60"Height (Ceiling Mount)
Hub: 3/4" NPT
Lumens: 1050
Voltage: 120-277 Volts 50/60hz AC or 11-25V AC/DC
Lighting Configuration: Steady Burn
Mounting: Ceiling, Wall, Pendant
Temp Rating: T2D
LED Lamp Watts: 10 Watts
Strobe Count: Non Strobing
Wiring: 3/4 inch Hub
LED Lamp Life Expectancy: 50,000+ Hours

Ratings/Features:
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
Material Meets UL 94-V-0 Standards for Flame Retardancy
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 VPLED-CRNM-LED10W Vaporproof White LED Light from Larson Electronics is a waterproof LED light fixture. This waterproof LED equipped light is pendant, ceiling, or wall mounted, and available in 120-277V AC, 50/60Hz or 11-25V AC/DC voltage configurations. The VPLED-CRNM-LED10W produces 1050 lumens of high-intensity LED light while

drawing only 10 watts.
The powerful and durable VPLED-CRNM-LED10W 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 is available in 120-277V AC, 50/60Hz and 11-25V AC/DC configurations for high or low voltage operation.

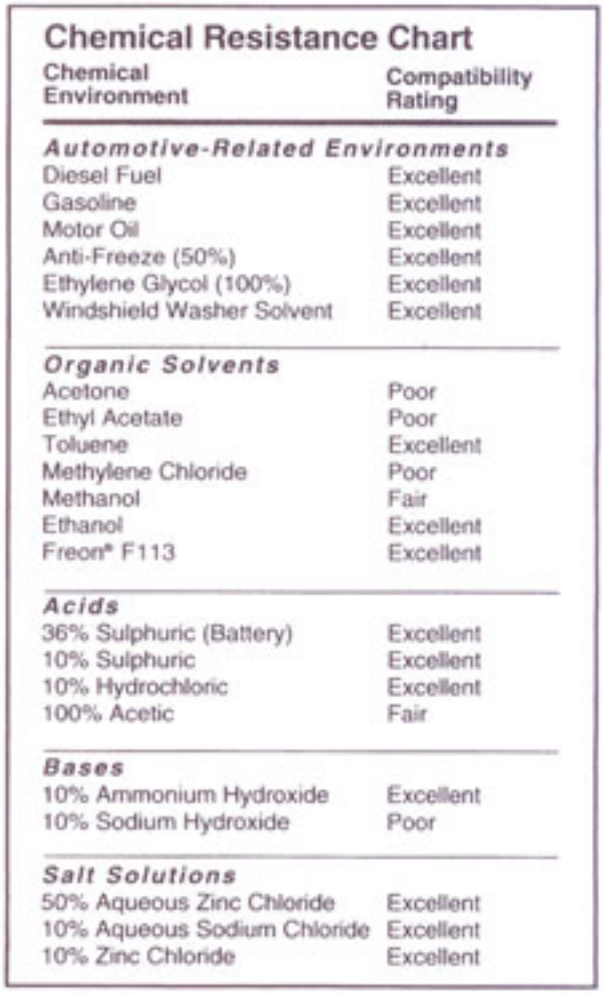


Click Photo to Enlarge



Click Photo to Enlarge

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 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 polycarboate 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 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

Voltages:
120-277V AC 50/60Hz or 11-25V AC/DC
Draws 0.83A average @ 12V DC
120V AC draws 0.08A average.
Wiring is through 3/4" NPT hubs.
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.

High Quality Features

1. Low power consumption.
2. Instant on/off operation.
3. Fixture constructed of extruded corrosion resistant copper free aluminum alloy.
4. Superior color rendering compared to HPS, LPS, MH.
5. Retains 80% lumen output after 50,000 operating hours.
6. Powder coated aluminum fixture body.
7. Ceiling, wall and pendant mounting available.
8. Low profile - Light weight
9. Produces 1,050 lumens of high-intensity white LED light

Superior LED Benefits

1. 50,000+ hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.

while drawing only 10 watts.

8. Qualifies buildings for LED and other sustainable business certifications.
9. Bright, even light maintains consistent color over time.
10. Instant on/off - No flickering, delays or buzzing.
11. Very good color rendering.
12. Vibration/impact resistant.
13. Significantly cooler operation.
14. Less frequent outages, higher output improves workplace safety.

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Frequently Asked Questions (FAQ)









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VPLED-CRNM-LED10W

Product ID: 147474

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

VPLED-CRNM-LED10W-Voltage-Mount

Example: VPLED-CRNM-LED10W-1227-PND

Voltage	
120-277V AC	-1227
11-25V AC/DC	-1224

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

Links (Click on the below items to view):

- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**