

LEDXUL-500-BL-24V

50W LED Wall Pack Light - 500W Quartz Halogen Equivalent - (4) 12.5W LEDs - Submersible - 24VDC

Product ID: 221679

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.

LEDXUL-500-BL-24V Wall Pack Light

Lamp Type: LED

Dimensions: 11.67"W x 7.25"D x 11.67"H

Voltage: 24 VDC

Watts: 50 W

Lumens: 5000

LED Life Expectancy: 50,000 hours

Efficiency: 100 Lm/W

LED Light Color: Cool White - 6500K

Color Rendering Index: >75

Lighting Configuration: 60° Flood

Beam: 150° Length x 60° Width

Amps: 2.08

Housing Materials: Heavy Duty Billet Aluminum CNC Machined Housing

Lens: Tempered Glass, One-piece Front Lens Cover, O-ring Lens Gasket

Wiring: 17" Pigtail

Ratings

Operates on Standard 24 VDC

Impact/Vibration Resistant Construction

ETL Approved for Wet Locations

CE Certified/RoHS Compliant

Submersible to 3 Meters

Fresh and Saltwater Applications

Usable Above Water

IP68 Waterproof

Special Orders - Special Requirements

Contact us for special requirements

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The LEDXUL-500-BL-24V LED Wall Pack Light offers high light output from a compact form factor and is designed to provide a highly durable alternative to halogen, quartz and metal halide units. This 50-watt LED unit produces up to 5,000 lumens of light during use. Constructed of heavy-duty aluminum, the LED light is rugged and submersible up to 3

meters. The LEDXUL-500-BL-24V is equipped with a tempered glass lens.

The LEDXUL-500-BL-24V LED emits a long flood beam while drawing only 50 watts @ 2.08 amps at 24 VDC. Submersible up to 3 meters, the LED light assembly consists of four 12.5 watt LEDs paired with high purity specular optics to produce a light output distance comparable with a 400 watt metal halide fixture. This IP68 waterproof LED wall pack unit is designed for extreme environments and wet locations.

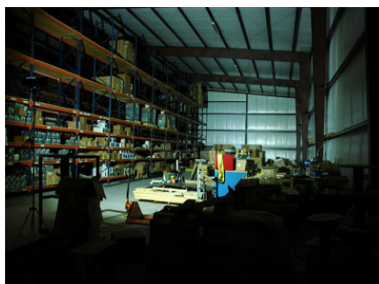
Durability: The LED light may be used in both underwater and above water. When used underwater, the luminary is submersible up to 3 meters, with maintained submersion capabilities in both fresh water and saltwater. Above water, the device is able to stay cool without reliance on surrounding water, allowing it to hold up to hurricanes, intense storms, land-to-sea vehicles and more. To ensure operation in versatile environments, the LEDXUL-500-BL-24V is constructed of stainless steel hardware (including mounting brackets) and a heavy-duty billet aluminum CNC machined housing. The lens is made out of tempered glass with a one-piece front lens cover and o-ring lens gasket. The tempered glass lens is ideal for use in locations that could expose the light to chemicals that would damage polycarbonate or acrylic lenses (machine vision systems), and corrosive chemicals that would do the same (washdown areas). To prevent moisture from entering the power cable, the wiring of the light uses a potted power connector.

With the LEDXUL-500-BL-24V there is no warm up period, the light can be cycled on and off without any reduction in lamp life, there is no glass or filament to shatter or break, and the solid state LED design provides 50,000 hours of operation.



Dark warehouse, illuminated by 100W incandescent bulb.

[Click Photo to Enlarge](#)



Same warehouse being illuminated by the LEDXUL-500-BL-24V.

[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.

Mounting: The LEDXUL-500-BL-24V is equipped with stainless steel mounting brackets which slide within the aluminum housing to allow users to adjust their positioning to match existing or user drilled mounting holes. Each stainless steel bracket has an integrated rubber bushing to absorb vibrations and shocks. To secure the lights in place users simply slide the mounting bolts through the

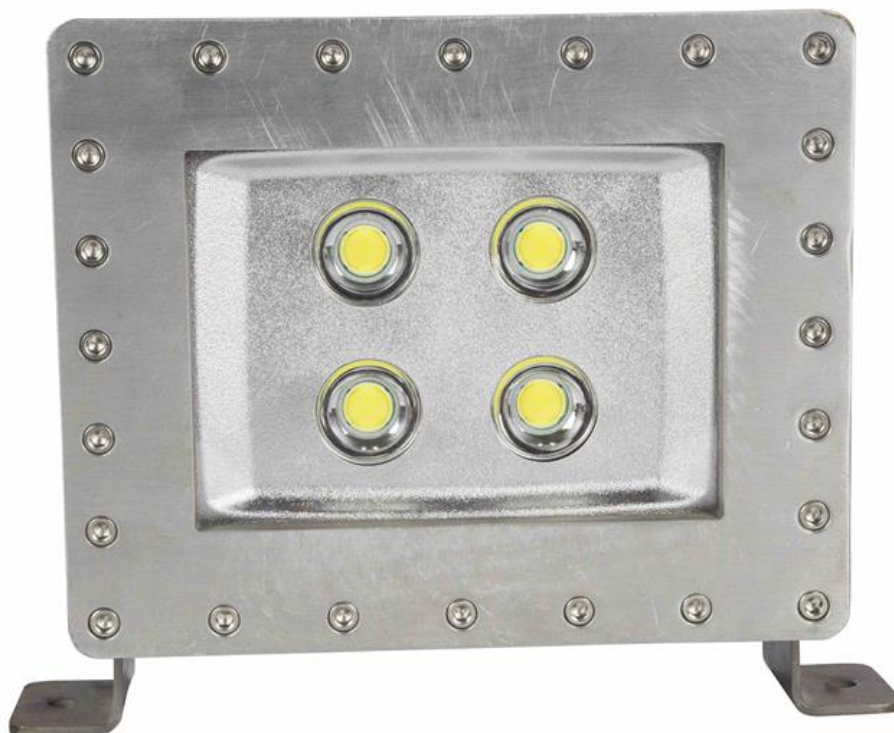
aluminum mounting block and rubber isolator, through the mounting surface, then secure the bolt with a locking nut on the opposite side of the mounting surface. This mounting system enables mounting to flat or round surfaces and allows for minimal 7 degrees of flexibility of angle placement of the light.

This LED lamp comes with 17" pigtail wiring for completing power connections.

Applications: Wet locations, marine sites, wall pack lighting, wall pack down lighting, upwards lighting, monuments, marinas, docks, warehouses, billboards, parking lots, and security systems and more.

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)









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Product ID: 221679

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

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