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LEDXUL-WP-15W-1227-R1-3C

50W Submersible LED Flood Light - (4) 12.5W High Output LEDs, 3' Potted Power Cord - IP68/IP69K

Product ID: 278450

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-WP-15W-1227-R1-3C Submersible LED Light

Lamp Technology: LED
Dimensions: 9.92-W x 6.17"-D x 9.92"-H
Weight: -
Voltage: 110~277V AC
Watts: 50W
Lumens: 5,000
Luminous Efficacy: 110 Lm/W
LED Lamp Life Expectancy: 50,000+ Hours
LED Light Color: Cool White - 6500K
Color Rendering Index: >75
Beam Angle: 60°
Lighting Configuration: Flood
Beam Size: 150` Length x 60` Width
Amps: 0.41A @ 120V
Operating Temp Range: -
Housing Materials: Heavy Duty Billet Aluminum CNC Machined Housing
Lens: Shatter Resistant Polycarbonate Lens, One-piece Front Lens Cover, O-ring Lens Gasket
Mount: Leg Mount
Wiring: 3' Line-in Potted Power Cord

Ratings/Approvals

IP68/IP69K Rated
Operates on Standard 110-277V AC
Impact/Vibration Resistant Construction
ETL Approved for Wet Locations
CE Certified/RoHS Compliant
Submersible to 3 Meters for Extended Periods
Fresh and Saltwater Applications

Special Orders - Special Requirements

Contact us for special requirements
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The LEDXUL-WP-15W-1227-R1-3C Submersible LED Flood 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 light produces up to 5,000 lumens and can be used in submersible environments for extended periods of time. Constructed of heavy-duty aluminum, the IP68/IP69K rated LED light comes with a 3` line-in potted power cord.

The LEDXUL-WP-15W-1227-R1-3C LED is designed for submersible lighting applications, high pressure environments and high heat hosedown activities. This LED light emits a long flood beam while drawing only 50 watts @ 0.41 amps at 120V AC. Submersible up to 3 meters for extended periods of time, 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/IP69K waterproof LED 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-WP-15W-1227-R1-3C is constructed of stainless steel hardware and a heavy-duty billet aluminum CNC machined housing. The lens is made out of shatter resistant polycarbonate with a one-piece front lens cover and o-ring lens gasket. To prevent moisture from entering the power cable, the wiring of the light uses a potted power connector. With the LEDXUL-WP-15W-1227-R1-3C 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-WP-15W-1227-R1-3C.

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.

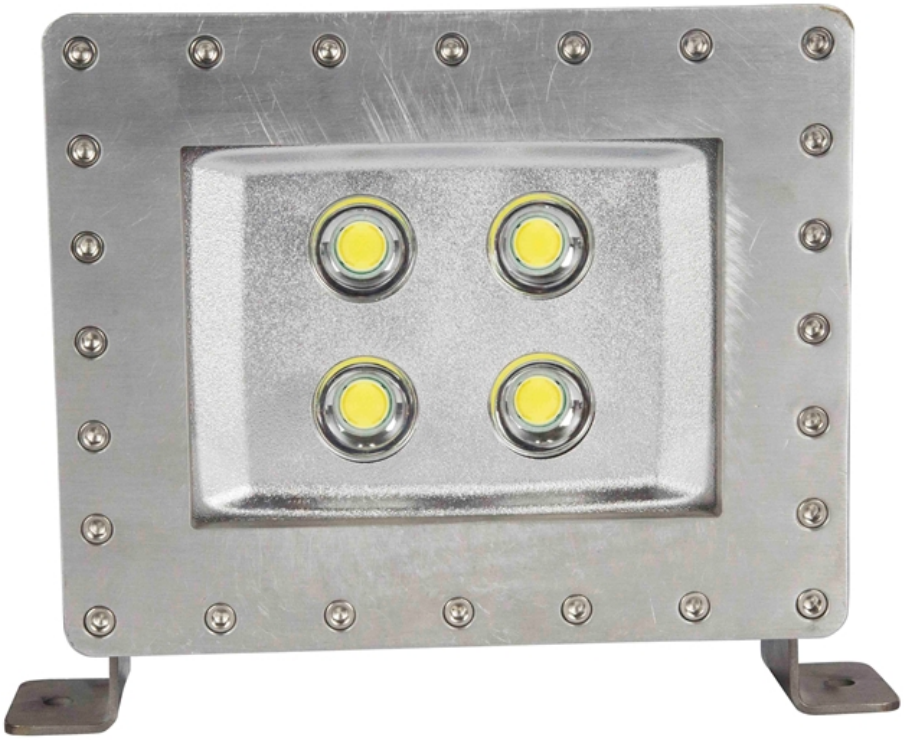
Wiring: This LED light is equipped with a 3` line-in potted cord for power connections. This line-in cord has a potted connection point inside the fixture to

prevent wicking in the housing.
Mounting: The LEDXUL-WP-15W-1227-R1-3C is compatible with leg mounting applications.
Applications: Wet locations, marine sites, underwater, marinas, docks 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.

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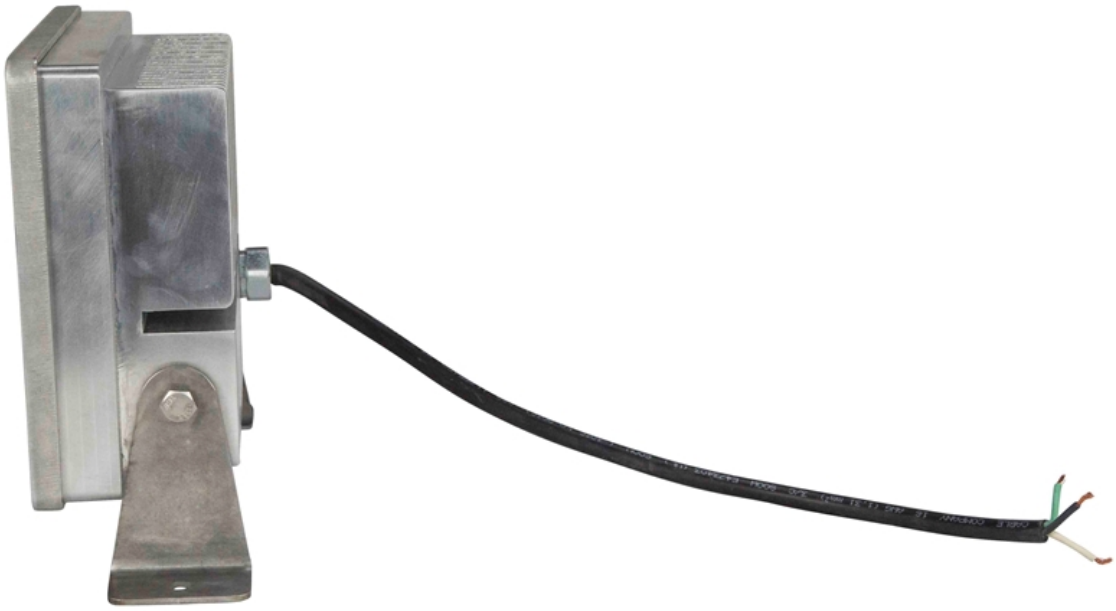
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Frequently Asked Questions (FAQ)



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Product ID: 278450

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map