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LEDFUL10-DL-RGBW-PM-KT.4X-80C

100W Underwater Dock Light Package - (4) LED Lights - Control Box - 10-30V DC - IP68 Compliant

Product ID: 264907

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



Image: LEDFUL10-DL-RGBW-PM-KT.4X-80C

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.

LEDFUL10-DL-RGBW-PM-KT.4X-80C Underwater LED Light Package

Lamp Technology: LED
Package Contents: (4) LED Lights, (1) Control Box
Lamp Dimensions: 3.85" x 0.71"
Weight: -
Voltage: 10-30V DC
Total Watts: 100W
Single-lamp Watts: 25W
Total Lumens: 8,000+
Single-lamp Lumens: 2,000+
LED Lifespan Expectancy: 50,000+ hours
LED Color (Non-dimming): Full Color RGBW
Color Temperature: 6500K
Color Rendering Index (CRI): 70+
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Angle: -

Ratings

IP68 Compliant
Timed Toggled Protocol
Submersible up to 6 Feet

Lighting Configuration: High Beam, Low Beam, Strobing
Power Efficiency: -
Power Factor: -
Amps: 2.8A @ 12V DC, 1.4A @ 24V DC
Ambient Operating Temperature: -31°C to +55°C
Materials: Bronze, 316 Stainless Steel Fasteners, PVC Plastic Mounting Hardware
Mounting: Dock Pilings/Poles Up to 14" Round OD or 12" Square OD - Zip Mount
Wiring: 80' Cordset per lamp to control box, 3' power cord w/ 5-10P plug

Special Orders - Special Requirements
Contact us for special requirements
Intl: 1-903-270-1187
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The LEDFUL10-DL-RGBW-PM-KT.4X-80C Underwater Dock Light Package is an extremely efficient and versatile lighting solution for docks, walkways, cabin areas, stairs, vehicles and marine locations. The 100-watt lighting kit contains four LED lights and one control box. During operation, the system provides 8,000+ lumens of illumination. Constructed of bronze, the IP68 compliant LED lights cater to dock piling/pole mounting applications and are offered in full color RGBW.

The LEDFUL10-DL-RGBW-PM-KT.4X-80C is a dock light set for superior illumination around docks and marine structures. This 100-watt LED lighting package operates on low voltage 10-30V DC and provides 8,000+ lumens of total output. The dock light set includes four LED lights and one control box (up to 4 LED lights per system). Timed Toggled Protocol (TTP) enables the LED lamps to be controlled without external control boxes or special switches. These LED lights are offered in full color RGBW.

Constructed of bronze for durability and corrosion resistance, the units are fully sealed, weatherproof, submersible to 6 feet and IP68 compliant. Measuring only 3.85" in diameter and 0.71” in total thickness, the LED lights are very low profile and easy to mount unobtrusively.

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: Negative and positive leads power the LED lamps from a low voltage source. During setup, electrical connections are passed through a conduit, which protects the wires from outdoor elements. All LED lights are connected via an included control box, which plugs into standard outlets.

Mounting: Suitable for marine environments, the LEDFUL10-DL-RGBW-PM-KT.4X-80C can be mounted around square (up to 12" OD) or round (up to 14" OD) dock pilings and poles. During

installation, operators can secure the LED lights using an included PVC plastic zip-mounting component that wraps around the piling or pole.

We also carry an alternative underwater LED unit that is submersible to 60 meters you can view here.

Applications: Boat lights, pilings, poles, marine locations, docks, marine structures, general area illumination 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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Frequently Asked Questions (FAQ)

There are no Faqs

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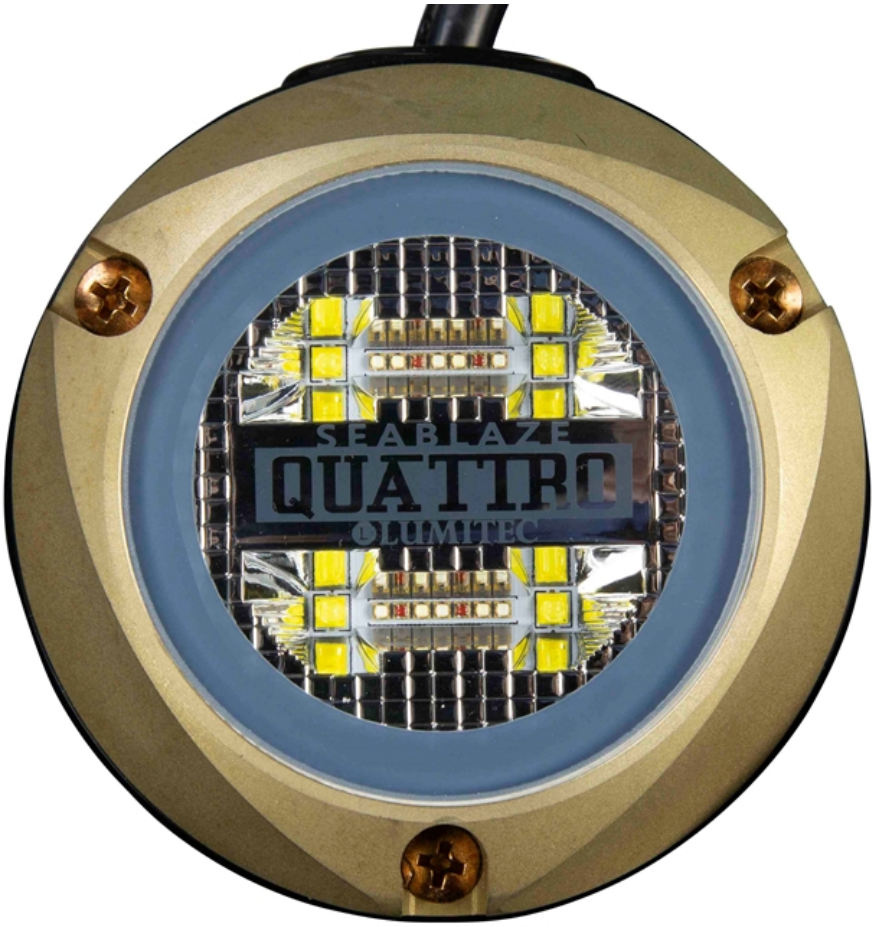


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Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/264907.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/264907.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/264907.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/264907.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/264907.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/264907.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/264907.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/264907.JPG)
- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/264907.JPG)
- **HigResPic9**(https://www.larsonelectronics.com/images/product/HigResPic9/264907.JPG)
- **HigResPic10**(https://www.larsonelectronics.com/images/product/HigResPic10/264907.JPG)
- **Video1**(https://www.youtube.com/watch?v=FTzgsk5d4io)
- **Video2**(https://www.youtube.com/watch?v=Wx4YyJATNKA)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
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