Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

LEDFUL3-RGBW

10.5W Mini Surface Mount Underwater LED Light - 10-30V DC - RGBW - IP68 Compliant

Product ID: 154699

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.

LEDFUL3-RGBW Underwater LED Light

Lamp Type: LED
Dimensions: 3" x 1.2"
Weight: -
Watts: 10.5
Voltage: 10-30V DC
Lumens: 670
LED Lifespan Expectancy: 50,000+ hours
LED Color Options (Non-dimming): Full-Color RGBW
Color Temperature: 6500K
Color Rendering Index (CRI): 70+
Amps: 880mA @ 12V DC, 450mA @ 24V DC
Ambient Operating Temperature: -31°C to +55°C
Materials: Anodized Aluminum
Mounting: Surface/Wall via (3) 1/4" Screw Holes

Ratings/Features

IP68 Compliant
Timed Toggled Protocol
Submersible up to 6 Feet

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The LEDFUL3-RGBW Mini Underwater LED Light is an extremely efficient and versatile lighting solution for boats, walkways, cabin areas, stairs, vehicles and marine locations. The 10.5-watt submersible unit provides

compatibility with 10-30V DC and 670 lumens of light. Constructed of anodized aluminum, the IP68 compliant LED light caters to surface or wall mounting applications and is offered in full color RGBW.
The LEDFUL3-RGBW is a compact underwater LED light for seamless mounting in tight areas with limited space, including boats. This 10.5-watt LED light operates on low voltage 10-30V DC and provides 670 lumens of output. Timed Toggled Protocol (TTP) enables the LED lamp to be controlled without external control boxes or special switches. These LED lights are offered in full color RGBW. Constructed of anodized aluminum for durability and corrosion resistance, the units are fully sealed, weatherproof, submersible to 6 feet and IP68 compliant. Measuring only 3" in diameter and 1.2” in total thickness, the LED light is very low profile and easy to mount unobtrusively on the hull below the waterline.

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 installation, electrical connections are passed through a conduit, which protects the wires from outdoor elements.
Mounting: Suitable for marine environments, the LEDFUL3-RGBW can be mounted on flat surfaces or walls. Mounting is facilitated by three 1/4" screw hole openings.
We also carry an alternative underwater LED unit that is submersible to 60 meters you can view here.
Applications: Boat lights, cabin lights, interior/exterior lighting, marine locations, vessels, docks, control rooms, 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)





LEDFUL3-RGBW

Product ID: 154699

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**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**