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

LEDUL8-2C

32W Underwater LED Light - 10-30V DC - Anodized Aluminum - IP68 Compliant - Surface Mount

Product ID: 46849

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.

LEDUL8-2C Underwater LED Light

Lamp Type: LED
Dimensions: 3.91" x 0.79"
Weight: -
Watts: 32
Voltage: 10-30V DC
Lumens: 1,729
LED Lifespan Expectancy: 50,000+ hours
LED Color Options (Non-dimming): White, Green, Blue or White + Blue
Color Temperature: 6500K
Color Rendering Index (CRI): 70+
Amps: 2.4A @ 12V DC, 1.1A @ 24V DC
Ambient Operating Temperature: -31°C to +55°C
Materials: Anodized Aluminum
Mounting: Surface/Wall via 1/2" Mounting 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 LEDUL8-2C Underwater LED Light is an extremely efficient and versatile lighting solution for boats, walkways, cabin areas, stairs, vehicles and marine locations. The 32-watt submersible unit provides

compatibility with 10-30V DC and provides 1,729 lumens of light. Constructed of anodized aluminum, the IP68 compliant LED light caters to surface or wall mounting applications and is offered in white, blue, green or white + blue.

The LEDUL8-2C is a compact underwater LED light for seamless mounting in tight areas with limited space, including boats. This 32-watt LED light operates on low voltage 10-30V DC and provides 1,729 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 white, blue, green or white + blue.

Constructed of anodized aluminum for durability and corrosion resistance, the units are fully sealed, weatherproof, submersible to 6 feet and IP68 compliant. Negative and positive leads power the LED lamps from a low voltage source. Measuring only 3.91" in diameter and 0.79” 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.

Mounting: Suitable for marine environments, the LEDUL8-2C can be mounted via three through holes and screws for securing the light to the hull. A 1/2" base extension in the center of the light containing the wiring connections passes through the hull for secure through surface wiring. In boating applications the operator can drill a 1/2" hole in the hull and insert the base mount, passing the base extension through the hull. The 2-wire installation can then be done inside the hull. The wires or points of ingress around the wire are thus not exposed to the water and protected against chafing or damage from rubbing against the edges of the mounting hole.

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.

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

Frequently Asked Questions (FAQ)








LEDUL8-2C-BLUWH

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

LEDUL8-2C

Product ID: 46849

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

Options:

LEDUL8-2C-LED Color

Example: LEDUL8-2C-WHT

LED Color	
WHITE	-WHT
BLUE	-BLU
GREEN	-GRN
BLUE WHITE	-BLUWHT

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**