

LEDCL-280-HD-SW

6W Adjustable LED Boat Light - 10-30V DC - 226 lms - Surface Mount - Switched/IP67 Compliant

Product ID: 154722

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.

LEDCL-280-HD-SW LED Boat Light

Lamp Type: LED

Dimensions: 2.84"- Height x 2.34" - Base Diameter

Weight: -

Watts: 6

Voltage: 10-30V DC

Lumens: 226

LED Lifespan Expectancy: 50,000+ hours

LED Color Options: White, Warm White or White (Dimming) + Red (Non-dimming)
+ Blue (Non-dimming)

Color Temperature: 3000K

Color Rendering Index (CRI): 90+

Amps: 500mA @ 12V DC, 260mA @ 24V DC

Ambient Operating Temperature: -31°C to +55°C

Materials: -

Finish: Brushed or White

Mounting: Surface/Wall via 3/8" Mounting Holes

Ratings/Features

IP67 Compliant

Timed Toggled Protocol

Third-party Dimmable

Color Match Commitment

Control Switch

Special Orders - Special Requirements

Contact us for special requirements

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The LEDCL-280-HD-SW Adjustable LED Light is an extremely efficient and versatile lighting solution for boats, walkways, cabin areas, stairs,

vehicles and marine locations. The 6-watt unit offers compatibility with 10-30V DC and provides 226 lumens of light. Equipped with a switch for controls, the IP67 compliant LED light caters to surface or wall mounting applications and is offered in white, warm white or white (dimming) + red (non-dimming) + blue (non-dimming), as well as in brushed or white finishes.

The LEDCL-280-HD-SW is an adjustable LED light for seamless mounting in tight areas with limited space, including boats. This 6-watt LED light operates on low voltage 10-30V DC and provides 226 lumens of output. Timed Toggled Protocol (TTP) enables the LED lamp to be controlled without external control boxes or special switches. The LED lamp is compatible with third-party dimmers for accurate light control. The LED lights are controlled by an included switch and are offered in white, warm white or white (dimming) + red (non-dimming) + blue (non-dimming).

Constructed of heavy-duty materials with a brushed or white finish for durability and corrosion resistance, the units are fully sealed, weatherproof and IP67 compliant. Negative and positive leads power the LED lamps from a low voltage source. Measuring only 2.84" in height and 2.34" in total thickness, the LED light is very low profile and can be used for general illumination in boats.

The ball and socket style mounting system offers full articulation, allowing the light to be set at any angle desired by the operator. This light is designed for flush mounting, has no metal to metal contact and there are no exposed fasteners. The unique housing design provides flush mount surface mounting with hidden mounting hardware.

[Click here to see how using LED Boat Lights on the water can increase safety.](#)

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 LEDCL-280-HD-SW can be mounted on surfaces or walls via included #6 screws. Two, 3/8" mounting holes on the mounting base facilitate installation.

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.

Frequently Asked Questions (FAQ)







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Product ID: 154722

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

LEDCL-280-HD-SW-Finish-Color

Example: LEDCL-280-HD-SW-ALU-4C

Finish	
ALUMINUM	-ALU
WHITE	-WHT

Color	
4 COLOR	-4C
WHITE	-WHT
WARM WHITE	-WW

Links (Click on the below items to view):

- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)