

## LED3WC

**LED light - 3 Watt - 2" square - Stud Mount - Color LEDs**

**Product ID: 45319**

**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.**

Ultra compact, high powered 3 watt LED emitter light produces 180 lumens, projecting a beam 125 feet long and 25 feet wide in spot configuration. This light includes 1 high powered 3 Watt LED emitter potted into an aircraft grade aluminum chassis that is designed to protect the LED and dissipate heat. Even after running for a several hours, the lenses are only mildly warm. While the LED10W-1S is a popular 10 Watt white LED light, this 3 watt LED light is designed specifically to produce colored LED light, including green, blue, red and amber. The value in this LED fixture is in the power and form factor. At 2 inches wide by 2 inches tall, by 2.5 inches deep, this fixture draws only a 1/4 amp on 12 volts and puts out a beam that reaches 125 feet. You can mount these just about anywhere traditional lights won't fit. Ideal for boats, wreckers, utility vehicles and construction equipment for work area illumination. We originally built these to meet the safety needs of forklifts in beverage industry, but there are many applications for colored LED lights. We also offer an accessory inline flashing module which enables the operator to control whether the LED light has a steady light or a flashing light output.

Another unique feature of this LED light is that the side brackets enable the operator to connect multiple units together. Thus, operators can combine any number of units to achieve the power and dimensions required for most any application.

Suspended on top of an adjustable u-bracket, this LED light can be adjusted and tightened into any position to suit your application. A single stud protrudes from

the bottom of the u-bracket mount, enabling the operator to install the light using a simple through hole mount. In other words, the light can be installed anywhere a 1/4 inch hole can be drilled. Magnetic mount versions available.

The LED3W-1S is equipped with a single 3 watt LED, producing 180 lumens, while drawing less than 1/4 amp, due to advanced electronic drivers. The LED light has a 50,000 hour life span and accepts input voltage ranging from 9 to 32 volts DC. This includes 12 volts or 24 volts.

The rugged aluminum extrusion housing provides optimum durability and heat dissipation. IP68 ingress protection rated housing and sealed lexan lens makes this LED light impenetrable to dust and submersible under water up to 3 meters. The unbreakable polycarbonate lenses are housed by a 6061 aluminum face plate which doubles as a radiant heat sink to melt away snow and ice in frigid conditions. These LED lights are certified to 6G RMS with vibration tests to ensure performance in high impact conditions.

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**Dimensions:** 2 inches wide by 2 inches tall by 2.5 inches deep

**Weight:** 13 ounces

**Voltage:** multi-voltage unit operates on inputs ranging from 9 to 32 volts DC.

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## Frequently Asked Questions (FAQ)





## LED3WC

Product ID: 45319

Warranty: 36 Months

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

### Options:

LED3WC-Beam Config-LED Color

Example: LED3WC-SP-RED

| Beam Config |     |
|-------------|-----|
| WIDE SPOT   | -SP |
| FLOOD       | -FL |

| LED Color |      |
|-----------|------|
| RED       | -RED |
| AMBER     | -AMB |
| GREEN     | -GRN |
| BLUE      | -BLU |

Links (Click on the below items to view):

- [CE Certificate](#)
- [Dimensional Drawing 2D](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [Operations Manual](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [Spectrum Curve \(Wavelength Graph\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [Video1](#)
- [Video2](#)
- [Video3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)