

LEDERL-20

Flush Mount LED Engine Room Light - Flood Beam - Boating LED Deck Light

Product ID: 47088

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.

LEDERL-20 LED Light

Lamp Type: LED
Dimensions: 8.30"-L 2.72"-W 1.73"-Depth
Voltage: 10-30 VDC
Amps: 2.7 (on 12 volts)
Total Watts: 32
Total Lumens: 2,880
Luminous Efficacy: 90 Lm/W
LED Life Expectancy: 50,000 hours
Spot Beam: 325°L x 240°W
Materials: Aluminum Housing
Mounting: Flat Surface Mount
Wiring: Conventional 2 Wire Single Ground

Certification-Features

USCG Certified Ignition Protected
Flush Mounting
Marine Grade Aluminum Housing
Low 2.7 amp Draw
IP67 Compliant-Waterproof
Made in the USA
[N E C Hazardous Location Classifications](#)

Special Orders - Special Requirements

Contact us for special requirements
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Made in Texas

The LEDERL-20 Flush Mount LED light from Larson Electronics produces 2,880 lumens of bright white light in a wide flood pattern while drawing only 32 watts @2.7 amps on a 12 volt electrical system. This compact, fully sealed and intrinsically safe LED light can be operated on 10 to 30 VDC and is ideal for use in boat engine rooms, as deck lighting, bar or rail mounting and anywhere high quality bright light is desired but space is limited

This flush mounting LED light fixture is an ideal alternative to, or upgrade from the

common 200-300 watt halogen lamps used in marine environments to illuminate boat engine rooms, bridges and decks. These intrinsically safe units produce 2,880 lumens of high quality light and draw only 2.7 amps when connected to a 12 volt electrical system, resulting in up to 90% lower consumption when compared to the halogen lamps they are designed to replace. The light produced by this unit is much purer and clean without the yellowish tint often associated with halogen or incandescent lamps. This LED light is completely sealed making it USCG certified intrinsically safe-ignition protected and ideal for use in engine rooms and areas where hazardous conditions exist or may exist.

This image shows a dark street with no illumination aside from distant suburban lighting.

[Click Photo to Enlarge](#)

The same street illuminated by the LEDERL-20; an unquestionable difference. This LED light is designed as a flood to illuminate an area closer to the fixture.

[Click Photo to Enlarge](#)

This unit's housing is constructed of marine grade aluminum for high durability and fully sealed against intrusion from water or dust making it IP67 compliant. Measuring only 8.30 inches long by 2.7 inches wide, this very compact LED light fixture is designed for flush mounting to allow the maximum amount of space savings possible and includes a mounting template as well as four screws to facilitate easy installation into flat, tubular and curved surfaces. This unit can be operated on voltages ranging from 10 to 30 VDC without any modifications necessary and connection to power is via included power leads and a single ground wire. The LEDs and sealed construction of this unit provide 50,000+ hours of LED operation and minimal maintenance or upkeep requirements.

Frequently Asked Questions (FAQ)

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Warranty: 36 Months

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)