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

RCL360-LED-BL-2R

40W Motorized LED Marine Spotlight - 12V DC - 3,600 lms - (2) Wireless Remotes - Waterfront and Marine Applications

Product ID: 281772

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.

This unit is Made In USA - American Made

RCL360-LED-BL-2R LED Marine Spotlight

Lamp Technology: LED
Dimensions: 9"-L x 9.25"-W x 15"-H
Weight: 20 lb
Voltage: 12 V DC
Total Watts: 40W
Total Lumens: 3,600 lms
Luminous Efficacy: 90 lm/W
LED Lamp Life Expectancy: 50,000 Hours
Color Temperature: 6000K
Color Rendering Index: -
Lamp Type: LED PAR 46
Lamp Base: -
Replacement Lamp: -
Beam Angle: 10° Spot Optics
Lighting Configuration: Spot Beam
Power Efficiency: -
Power Factor: -
Rotation: 360° Endless Horizontal Rotation, 310° Vertical Rotation
Wireless Remotes: (2) w/ 100' Range
Remote Control Type: Touch Sensitive Joystick Positioning
Amps: 5 A Maximum
Operating Temp Range: -20°C to +60°C
Housing Materials: CNC Machined T6061 Billet Aluminum

Ratings/Approvals

Made in USA
Buy American Compliant
(2) Wireless Joystick Remote Controls, 100' Range
IP66 Rated Assembly
IP68 Rated Light Head
Weatherproof Light
Suitable for Outdoor and Fresh Water Applications
Ice and Snow Resistant

Housing Finish: Anodized Aluminum - White
Internal Parts Materials: Brass, Stainless Steel, and Black Oxide Coated Internal Components for Corrosion Resistance
Internal and External Hardware Materials: Stainless Steel
Pivot Shaft Materials: 316 Stainless Steel
Protection: Gasketed Base and Light Head, Resin Potted Electrical Boards
Gears: Metal
Mounting: Rubber Coated Mounting Base
Wiring: -

Special Orders - Special Requirements
Contact us for special requirements

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

This unit is Made In USA - American Made

The RCL360-LED-BL-2R from Larson Electronics is a Motorized LED Marine Spotlight that is a powerful and durable lighting solution for extreme environments. This 40-watt unit generates 3,600 lumens during use and comes with two wireless, touch sensitive joystick remotes. Designed to operate on 12 V DC, this American made LED spotlight is protected by a white CNC machined T6061 billet anodized aluminum housing and can be mounted on flat surfaces. This weatherproof IP66 rated assembly is suitable for outdoor, waterfront, and marine locations, and is resistant to ice and snow.

The RCL360-LED-BL-2R illuminates outdoor areas with a tight spot beam and is ideal for boating applications. This 12 V DC LED marine light produces 3,600 lumens with a color temperature of 6000K in white configuration. The 40-watt LED light generates a 10-degree spot beam, which is capable of illuminating objects or targets at far distances. Compared to other spotlights that cut off vertically, this unit provides 310 degrees of vertical rotation and can be pointed directly upwards. This marine spotlight also offers 360 degrees of endless horizontal rotation. The light head can rotate continuously in one direction and does not need to stop and go back to the other direction, resulting in faster light placement and reaction. Repositioning the light head manually by hand does not damage the gears.

Durability: This LED marine spotlight is protected by a CNC machined T6061 billet aluminum housing with a white anodized finish. The housing does not use cast aluminum or plastic and is designed to withstand rugged use. Billet aluminum is stronger than cast aluminum, as it originates from one block of material which is fabricated using a CNC mill during the manufacturing process. The material is not melted down and molded to ensure precise design components.

The internal components are brass, stainless steel, and white oxide coated for durability. Internal gears are metal and not plastic. Internal and external hardware components are stainless steel, while the pivot shaft is 316 stainless steel. The base and light head are gasketed for protection. Electrical boards inside the system are resin potted for resistance to water.

The RCL360-LED-BL-2R is an IP66 rated assembly with an IP68 rated LED light head. This weatherproof marine light is suitable for use in outdoor, freshwater, and marine locations. Recommended for extreme environments, the system is ice and snow resistant. Rough handling or hard impacts will not damage the light head, gears, or internal assembly parts.

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.
Wireless Remote Operation: Two wireless remotes are included with this LED spotlight. The variable speed remotes have a 100` range and feature touch sensitive joystick controls. Applying more pressure on the joystick makes the light head move faster, and applying less pressure slows down the movement.
Power: This light draws 5 amps maximum on 12 V DC.
Mounting: The RCL360-LED-BL-2R features a rubber coated mounting base. The rubber coating prevents scratching on the surface during installation, as well as provides a seal for routing wire. Operators can install the spotlight on flat surfaces.
Applications: This high power LED marine spotlight is ideal for boating, hunting, security, law enforcement, emergency services, utilities, and anywhere high power and remote control functionality are desired. This unit produces a more powerful and far reaching beam than halogen spotlights and uses less power on a 12 volt system, making it suitable for vehicles and boats where power supply is limited.
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)





RCL360-LED-BL-2R

Product ID: 281772

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**