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RCL360-LED-80W-24V

80 Watt Wireless Remote Control LED Spotlight - 24 Volt DC - Spot to Flood - Permanent Mount

Product ID: 104691

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.

RCL360-LED-80W-24V LED Remote Control Light

Lamp Type: 80 Watt LED Bulb
Dimensions: 18"W x 18" Depth x 24"H
Weight: 25 lbs
Total Watts: 80 Watts
Voltage: 24V DC
Lighting Configuration: Spotlight
Beam Angle: 2.5-21 Degrees, Adjustable
Amps: 3.34 Amps @ 24V DC
Mounting: Permanent 4 Hole Mounting
Total Lumens: 7,400
Lamp Color Temperature: 6000K
Weather Rating: Weatherproof
Movement Range: 270° Tilt - 360° Rotation
Remote Control: Single Wireless, Hand Held Radio Control. 433 MHz

Approvals/Ratings

80 Watt, 3,000 Lumen
Remote Control, 100` Range
Meets Marine Standards for Fresh / Saltwater Use
UV and Weatherproof
12V DC Operation

Special Orders - Special Requirements

Contact us for special requirements

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The RCL360-LED-80W-24V from Larson Electronics is an LED Spotlight that produces a 7,400 lumen light beam capable of reaching over 2,000 feet in distance. This 80 watt LED offers wireless remote pan and tilt control, spot to flood adjustability, strobe and SOS functionality, and a single portable wireless handheld remote control. This is weatherproof

with a weatherproof rechargeable remote control and operates with 24 Volt DC.

The RCL360-LED-80W-24V LED remote control light is designed for use in all weather conditions and produces 7,400 lumens of intense light output. These units feature remote control operation that allows users to rotate the light 360 degrees with a hard stop and to adjust vertical tilt through 270 degrees. Remote operation is provided by one handheld wireless remote controller with internal rechargeable battery. The remote controller has a range of up to 100 feet and will operate through walls, within structures, and in vehicles. The remote is constructed of polycarbonate with rubber push pad buttons for weatherproof durability and can be user programmed to operate one or several lights simultaneously. Remotes are 4 inches long by 3 inches wide by 1 inch thick.

Click Photo to Enlarge

Click Photo to Enlarge

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.
Remote Operation: Remote control functions include increase and decrease in intensity, beam adjustment from 2.5° spot beam to a 21° wide spot beam, steady, strobe, and SOS functionality, and 4 buttons which control up, down, left and right movement. The light will continue movement as long as the buttons are pressed. Releasing the buttons stops movement and holds the in position. This unit has a rotational speed of 30° per second.
Durability: The RCL360-LED-80W-24V LED is designed for hunting and demanding outdoor use with a weather resistant housing constructed of corrosion resistant aluminum and high quality thermoplastic that is heat resistant, impact resistant, UV resistant and able to withstand rugged use and abusive conditions. Remote movement of this spotlight is provided by an automotive grade internal motor, gear, and transmission assembly that is constructed of LEXAN, brass, and stainless steel to provide rust and corrosion resistance as well as long life and reliable operation.
Mounting: The light is permanently mounted with 4 screws through predrilled holes which secure the light to the mounting surface.
Power: This light operates with 24 volts DC and draws 3.34 amps, making it ideal for vehicles, boats, ATVs, and similar sources of 24 volt direct current.

Click Photo to Enlarge

Light Output: The lamp in this remote control spotlight is a 80 watt LED assembly which produces 7,400 lumens. This bulb is paired with a tight 6° focus spot beam optics to produce a spot beam over 2,000 feet in length. This lamp has a 6000K color temperature, giving it very good color rendering and contrasting properties and the ability to clearly and sharply illuminate objects at long distances. This beam is effective to the far end of its reach, producing enough illumination to read a book at 2,000 feet. The beam can be adjusted from spot to flood via the remote, without need to add or remove lenses from the light itself. This high power LED remote control light is ideal for hunting, security, boating, 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 24 volt system, making it well suited to 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.

RCL360-LED-80W-24V Features

1. Weather Proof Lamp and Remote Control.
2. Remote Control Programmable with More than 60,000 Possible Channels. Remotes Can be Programmed to Control One or Several
3. R.F. Frequency, F.C.C., S.A.E. tested and Canada Certified.
4. Remote Control Range up to 100 Feet.
5. Automotive Grade 12 Volt D.C. High Torque Motor.
6. Weatherproof Connectors Meet OEM Vehicle Manufacturer Specifications
7. Meets Marine Standards for Fresh Water and Saltwater Use.
8. 7,400 Lumens, 2000 Foot Beam Length
9. 24 Volt DC 3.34 amps Draw.

Superior LED Benefits

1. 50,000 hour lifespan.
2. Higher Color Temperature with Better Color Rendering and Contrasting.
3. More Durable than Halogen. No Filament to Burn Out or Break.
4. High Efficiency, More Light with Less Power Drain.
5. Vibration Resistant
6. High Output.
7. Can SAVE 50% or more on energy.
8. No toxins-lead or mercury
9.Bright, even light maintains consistent color over time.
10. Instant on/off – No flickering, delays or buzzing.
11. Less frequent outages, higher output improves workplace safety.

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Frequently Asked Questions (FAQ)

RCL360-LED-80W-24V

Product ID: 104691

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
- Operations Manual
- STEP File (3D CAD Model)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- Video1
- Video2
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map