

RCL360

Remote Control Halogen Spotlight/Flood Light - 360,000 Candlepower - Low Voltage - Wired

Product ID: 1813

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 Remote Control Halogen Spotlight/Flood Light - 360,000 Candlepower - Low Voltage - Wired

Lamp Type: Halogen

Dimensions: 6"W x 10.5"H x 7.5"D

Watts: NA

Voltage: 12V DC or 24V DC

Output: 360,000 Candlepower (Spotlight); 50,000 Candlepower (Floodlight)

Beam Configuration: Spot, Flood or Spot/Flood Combo

Beam Coverage: 800' long and 80' wide (Spotlight); 90' long and 90' wide (Floodlight)

Lamp Life Expectancy: 2,000+ hours

Housing Material: UV Resistant Polycarbonate w/ Brass Back Plate

Wiring: 6-wire Wiring Harness, 3/8 Hole

Mounting: Surface

Remote Control: Motorized Stainless Steel Joystick, Hard-wired

Tilt/Rotation: 370 Degrees Horizontally; 350 Degrees Vertically

Weight: 5 lbs

Ratings/Approvals

Motorized Operation

Compact, Lightweight Design

Stainless Steel Joystick

Slip Drive Motors

Weather Resistant

UV and Saltwater Resistant

Derlin-grade Gears

Suitable for Outdoor and Marine Applications

Special Orders - Special Requirements

Contact us for special requirements

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Made in USA

The RCL360 Remote Control Halogen Spotlight/Flood Light by Larson Electronics is compact luminary that is designed for a wide range of outdoor applications in unpredictable environments. The low voltage unit comes with a 360,000 candlepower rating (4.5 million retail candlepower rating) and a sturdy, weather resistant build. Operators may control the

light in a motorized manner using a hard-wired, joystick controller. When ordering this product, please choose between the following low voltages: 12V DC or 24V DC; as well as the preferred beam configuration (spot, flood or spot/flood combo).

The Remote Control Halogen Spotlight/Flood Light is an ideal solution for portable/permanent lighting installations where space is limited. When used as a spotlight, the luminary offers 360,000 candlepower, which covers an area of 800 feet long and 80 feet wide. In floodlight mode, the unit offers 50,000 candlepower, with coverage of 90 feet long and 90 feet wide. When choosing the spot/flood combo, a dual filament wheat lamp is applied to the light. This luminary operates on the following low voltages: 12V DC or 24V DC.

Operators can control the output and position of this spotlight with the wired dash mount controller, which is connected to the light via a 20 foot wire harness. A key feature of this remote control spotlight is the "up and over" capability. Unlike most remote control lights, this light can be used to point straight upwards while maintaining full beam width. There are no housing or physical limits blocking the upward facing angles. This light can also point nearly directly downward, limited only by the very narrow base. Basically, this remote controlled light offers a complete range of coverage, due to its unique "yolk" based design.

Motorized Features: The RCL360 can be moved in two directions simultaneously. Most remote controlled spotlights can be moved right and left or up and down independently. This light can be moved at 45 degree angles. For example, you can move the light down and to the right at the same time. This enables the operator to position the light very easily on even the smallest target. This can be helpful for driving and spotting. To some extent, this light embodies the finite controls afforded the operator by pillar mount spotlights with a motorized remote control joystick.

Electric motors control full horizontal and vertical light movement via a hard-wired joystick control that can be mounted anywhere in the vehicle, boat or heavy equipment. This remote controlled spotlight will not interfere with IED detectors, radios or other sensitive radio frequency equipment. The RCL360 uses "slip drive" motors, which enables the operator to hand position the unit if they choose without causing damage to the motors. Slip drive motors also mean that accidentally hitting the light on tree branches or other obstacles doesn't damage the motor, clutch or gears.

Materials: All internal moving components are made from stainless steel and Delrin (acetal copolymer). The motor assemblies, shafts, brackets and other structural items are made from stainless steel, while the gears are made from a self lubricating grade of Delrin (acetal copolymer). Delrin is a unique resin designed by Dupont and is commonly used as an alternative to steel in applications where saltwater, chemicals and high heat are an issue. Delrin is chemical resistant, oil resistant, saltwater resistant and maintains its properties in sub zero temperatures (-40 C) and temperatures well over 200 degrees C. These materials are chosen for their ability to provide long lasting durability in inclement environments, making this remote controlled light an ideal solution for mining, oilfield and saltwater applications. The housing is made from UV resistant polycarbonate with a brass back plate for support.

Mounting and Wiring: The RCL360 uses three through holes at the base of the light are used to mount the light to the surface with included screws. The 6 wire wiring harness is shipped in the box and attaches via simple crimp connectors. By using crimp connectors instead of a dedicated large connector, operators can avoid drilling large holes in the vehicle to pass the harness. A 3/8 inch hole is sufficient for the wiring harness.

Applications: Outdoor lighting, vehicle lighting, hunting, off-roading, law enforcement, military, emergency services, security monitoring projects, supplementary lighting, fishing, remote lighting 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)

RCL360

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Export Control Classification Number (ECCN): EAR99

Options:

RCL360-Voltage-Lamp Beam

Example: RCL360-12V-SP

Voltage	
12 VOLT DC	-12V
24 VOLT DC	-24V

Lamp Beam	
SPOT	-SP
FLOOD	-FL
SPOT/FLOOD COMBO	-SpFI

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [Video1](#)
- [Video2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)