

RCL360-RF

Remote Control Spotlight / Flood Light with Wireless Remote Control - Mining, Oilfield

Construction

Product ID: 1823

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.

Made in Texas

MOTORIZED REMOTE CONTROL SPOTLIGHT WITH WIRELESS REMOTE CONTROL

The RCL360-RF is a remote controlled, durable vehicle mounted spotlight with 360,000 candlepower rating (4.5 million retail candlepower rating). Operator can control the output and position of task lighting with the RCL360 remote control light. 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 a full beam. There is no housing or limit blocking the all upward facing angles. This light can also 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 designed.

["Click here for a more compact, commercial grade alternative for low vibration applications."](#)

Certificate of origination provided on request. NAFTA compliant.

MOTORIZED TILT AND ROTATION

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. This remote control light uses

"slip drive" motors, which enables the operator to hand position the unit if they choose without causing damage to the motors.

LIGHT BEAM OPTIONS

Available in flood light or spotlight configuration. Dual filament spot and flood light lamp is also available for this remote controlled spotlight. Please select below under Beam options for spotlight, flood light or dual filament wheat lamp (Spot / flood combination).

Flood light: 50,000 candlepower rating

Spotlight: 360,000 industrial candlepower rating (4.5 million retail candlepower rating).

FEATURES

Motor-controlled light provides 370° of motion on the horizontal axis and 350° vertically.

Weather-resistant light housing and base provides safe, dependable operation in the most demanding environments including fresh water and salt water humidity.

SPECIFICATIONS

Available in 12 volts DC and 24 volts DC

WIRELESS REMOTE CONTROL FOR SPOTLIGHT

Wireless remote control enables the operator of this wireless remote controlled spotlight to turn the beam on and off, and control the direction with 4 directional buttons. The light moves as the buttons are depressed. The light stops and holds position when the buttons are released. The remote is easily held in the hand, operated easily with a gloved hand and is weatherproof.

MOUNTING and WIRING

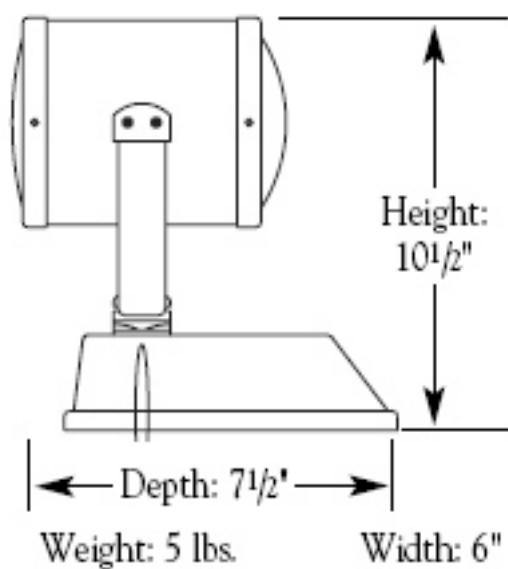
A single power wire and a single ground lead come from the bottom of the base. These are connected to your power and ground via wiring that you provide. Three through holes at the base of the light are used to mount the light to the surface.

MATERIALS

The outer housing is built from UV stabilized polycarbonate. The rear base unit and back plate are made from brass.

Stainless steel and Delrin. 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.

DIMENSIONS



Frequently Asked Questions (FAQ)





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Export Control Classification Number (ECCN): EAR99

Options:

RCL360-RF-Voltage-Lamp Beam

Example: RCL360-RF-12V-SP

Voltage	
12 VOLTS	-12V
24 VOLTS	-24V

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

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [Video1](#)
- [Video2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)