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**LE-8950-CT-F**

# 48W LED Remote Control Floodlight - 12-24V DC - 4320 Lumens - Wireless Remote - Clear Top Housing - Magnetic or Permanent Mount Capable

**Product ID: 50939**



**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.**

**LE-8950-CT-F Motorized Remote Control 48W LED Floodlight**

**Lamp Type:** LED
**Dimensions:** 9.29"-W x 7.87"-D x 9.60"-H
**Weight:** 9.7 lb
**Total Watts:** 48 Watts
**Voltage:** 10-30 V DC
**Lighting Configuration:** Floodlight
**Amps:** 3.25 A @ 12 V DC & 1.63 A @ 24 V DC
**Mounting:** Permanent Mount or Magnetic Mount - Both Included
**Total Lumens:** 4,320
**Lamp Color Temperature: 6000 Kelvin**
**Weather Rating: IP65**
**Movement Range: Infinite 360° Horizontal Rotation; 38° Vertical Tilt Up & 71° Vertical Tilt Down**
**Remote Control: Single Wireless, Handheld Radio Control - IP67 Rated - On/Off, Directional Buttons, Flash Mode**
**Housing Material: Magnesium Alloy**
**Lens Material: Polycarbonate**

**Features**

48 Watt, 4,320 Lumen
IP65 Rated
12-24 V DC Operation
IP67 Rated Remote Control, 100' Range

**Special Orders - Special Requirements**

Contact us for special requirements

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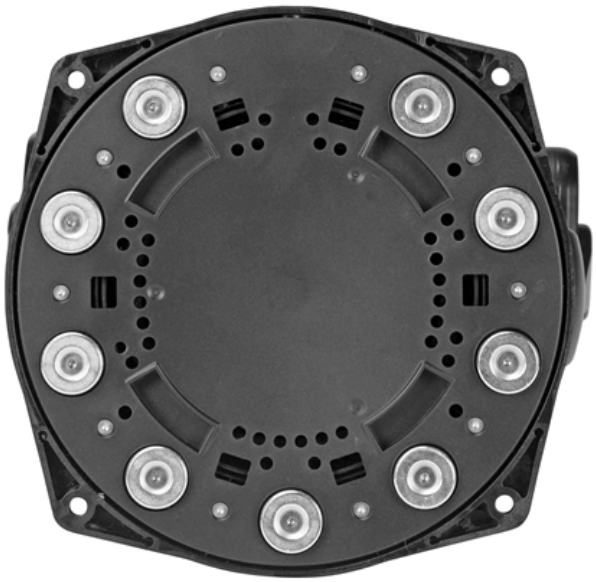
**The LE-8950-CT-F from Larson Electronics is a 48 Watt Motorized LED Floodlight that operates with a handheld wireless remote control. This particular model is available in black and is magnetically mounted. It outputs a flood beam and produces 4,320 lumens of bright, white light.**
The LE-8950-CT-F is designed for use in all weather conditions and produces 4,320 lumens of intense light output. These units feature remote control operation that allows users to rotate the light 360 degrees horizontally with no stopping,

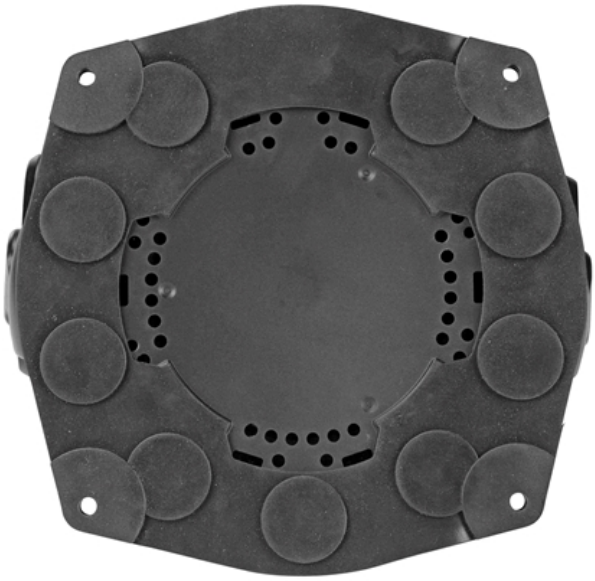
adjust vertical tilt up 38 degrees, and adjust vertical tilt down 71 degrees. Remote operation is provided by one handheld IP67 rated wireless remote control. The remote control has a range of up to 100 feet and will operate through walls, within structures, and in vehicles. The remote is constructed of polycarbonate with rubber push pad buttons for IP67 weatherproof durability.
**Remote Operation:** Remote control functions include on/off, flash mode, and 4 directional 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 light in position.
**Clear Top Housing:** With the clear housing top, use in applications where operators must position the light directly beneath the area that needs illuminating is now possible. Previous models limited the output of the beam greatly when positioned vertically up because of the fact that the housing was not clear, therefore blocking the light. With this clear top, more than 90% of the light is passed allowing the unit to be effective in that position.
**Durability:** The LE-8950-CT-F features an IP65 rating is designed for hunting and demanding outdoor use with a weather resistant housing constructed of high quality thermoplastic that is heat resistant, impact resistant, UV resistant, and able to withstand rugged use and abusive conditions. This particular light is black in color which makes it ideal for docks and buildings where an attractive appearance is desired.
**Mounting:** The light can be either magnetically mounted or permanently mounted depending on the user`s desired application and mounting surface.
**Power:** This light operates on 12-24 V DC. It draws 3.25 amps at 12 V DC and draws 1.63 amps at 24 V DC making it ideal for vehicles, boats, ATVs, and similar sources of 12 volt or 24 V direct current.
**Light Output:** The LE-8950-CT-F contains sixteen 3W LEDs for a total of 48 watts of power. This array of LEDs produces 4,320 lumens and a color temperature of 6000K which gives it very good color rendering and contrasting properties and the ability to clearly and sharply illuminate objects at wide areas
**Wiring:** The LE-8950-CT-F is equipped with a Deutsch connecter and a 16` C-16-CC-CP coil cord for easy connection to 12 V DC or 24 V DC cigarette plugs.
**Suggested Applications:** This high power light is ideal for hunting, security, boating, law enforcement, emergency services, utilities, and anywhere high power and remote control functionality are desired.
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)

**Q. Should I order a 12V or 24V light?**

A. Most customers need a 12V light. Standard vehicles and ATVs operate on 12V. Military vehicles operate on 24V. 24V does not mean it will be brighter. Operating a 24V light on a 12V power source will make halogen lights half as bright while LED lights will not operate. The motors will rotate very slowly and the light will appear broken.

**Q. What is the difference between Radioray and Radioray GT models?**

A. The Radioray GT series was introduced in 2019. The upgraded Radioray GT series features: updated exterior housing, higher torgue drivetrain, more precise pan/tilt control, upgraded stainless steel mounting bracket, enhanced resistance to vibration and impact, and new wiring harness.

**Q. I own a halogen Radioray. Can I upgrade to a LED light or do I need to purchase a new light?**

A. Yes. Halogen lights can be upgraded to LED by purchasing the GL-15444 LED module. This is compatible with GL-2XXX, GL-5XXX, GL-7XXX, and GL-9XXX models.

**Q. What remote options are available for the Radioray?**

A. We offer wireless handheld, wireless dash mount, and hard wired dash mount remotes for the GL-2XXX, GL-7XXX, and GL-9XXX series. The GL-5XXX series is only offered with a hard wired in-line remote.

**Q. For wireless remotes, what is the operating distance and frequency?**

A. The wireless handheld and wireless dash mount remotes operate up to 100' distance away from the light. The remote operates on 433 Mhz.

**Q. Can I convert my hardwired light to a wireless remote?**

A. If the light was originally manufactured as both wireless and hard-wired, you can purchase a replacement remote and program it to your light. If you purchased a military spec 24V light with no transceiver, the light cannot be converted to wireless.

**Q. How long is the power cord?**

A. For permament mount lights with wireless remotes, a 1-foot power cord is provided with tinned leads ready for installation. For portable models, a 15-foot power cord with a universal 12V cigarette plug is provided. We offer alternative cords for portable models that can be purchased separately, including ring terminals and battery clamps. For permament mount lights with hard wired remotes, we offer 20-foot and 32-foot remote cables.

**Q. Can I control multiple lights from one remote?**

A. Yes. For wireless remotes, both lights must be programmed to the same remote. See reprogramming instructions on GL-30100 for how to do this. For hard wired lights (excluding GL-5XXX series), a Y-splitter cable is needed. Part numbers for Y splitter varies by model. Contact sales to purchase a Y-splitter cable.

**Q. Can I control one light from two remotes?**

A. Yes. For wireless remotes, both remotes must be programmed to the same light. See reprogramming instructions on GL-30100 for how to do this. For hard wired lights (excluding GL-5XXX series), a X-splitter cable is needed. Part numbers for X splitter varies by product. Contact sales to purchase an X-splitter cable.

**Q. Can I purchase a longer remote harness for my light with a hard wired remote?**

A. Yes. We offer replacement cable and extension cable in 20-foot and 32-foot. An extension cable will plug in between your existing cable and the light. A replacement cable fully replaces your existing cable. Part numbers for these cables by product. Contact sales to purchase extension or replacement cables.

**Q. What is the amp draw of my light?**

A. Halogen lamps draw 5.5 amps at 12V DC. LED lamps draw 3.7 amps at 12V DC.

**Q. Are replacement parts available for my existing light?**

A. Yes. Replacement parts are available for most models. You can purchase them directly from our website, or contact sales.

**Q. Can you repair my light for me?**

A. Yes we can. Before sending in your light for repair, you must obtain a Return Authorization Number and include the RGA form in the packaging with your light. Service repair fees may apply.

**Q. I purchased a military surplus 24V light, can you convert it to 12V?**

A. The light can have the internal board converted to 12V. A cheaper and faster solution is to purchase our 12V to 24V transformer (part # DCP-12x24-10A-WP). This will be wired between the power source and light, and allow the 24V light to operate on a 12V vehicle.