

Radioray Infrared Remote Control Spotlight - Permanent Mount - Weatherproof - Black

Part #: GL-9021-IR-2X1



The Larson Electronics GL-9021-IR-2X1 is a Golight Radioray Infrared Remote Control Spotlight for rugged environments. This low voltage unit is offered in a spot or flood beam configuration and produces infrared light that can reach a distance of 225 feet. A wired remote control enables operators to rotate and tilt the weatherproof infrared LED light.

The GL-9021-IR-2X1 is a powerful, energy-efficient infrared lighting solution for industrial and outdoor sites. Designed to operate on 9-42V DC, this 6-watt LED lamp is capable of emitting an infrared beam at a distance of 225 feet. Spot or flood beam configurations are available, with spot models providing a 225`L x 25`W beam profile and floodlight models providing a 45`L x 40`W beam profile. Offered in 750 nm, 850 nm or 940 nm infrared wavelengths, this unit features remote control operation by a hard wired dash mounted remote control.

The GL-9021-IR-2X1 is designed for hunting and demanding outdoor use with a weather resistant housing constructed of high quality ASA Luran thermoplastic that is heat resistant, impact resistant, UV resistant and able to withstand rugged use and abusive conditions. This particular unit is black in color, making it ideal for docks and buildings where an attractive appearance is desired.

Remote movement of this heavy-duty 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.

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.

Voltage Control: These units are able to adjust input current to maintain correct LED voltage levels regardless of input levels across a specific range. These lights can operate on current ranging from 9 to 42V DC without any modifications necessary as a result. This multi-voltage capability makes these units ideal for mobile and standalone applications such as those found on commercial boats, heavy equipment and vehicles where power systems don't always operate with 12 volts and external generators, transformers or inverters are impractical.

Remote Operation: The wired dash mount remote control has a 20 foot cord that connects the infrared light and remote together. It has a joystick that controls the position of the light. It has dual speed control of the motorized rotation and tilt. The joystick controls the motorized 135 degree tilt of the spotlight and the motorized rotation of the light a full 370 degrees. The light continues to move while the joystick is pressed. Once any button is released, the spotlight remains locked in that position until the joystick is moved again.

Mounting: The light is permanently mounted with four screws and a rubber gasket. The screws are included.

Applications: Hunting, security, boating, law enforcement, emergency services, utilities and anywhere high-power infrared 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.

Specifications / Additional Information**GL-9021-IR-2X1 Infrared Golight****Listing:** -**Lamp Type:** Infrared LED**Dimensions:** 6" x 6" x 7"**Weight:** -**Voltage:** 9-42 V DC**Total Watts:** 6W**Total Lumens:** -**Luminous Efficiency:** -**Lamp Life:** 50,000+ Hours**Infrared Wavelength:** 750nm, 850nm or 940nm**Lamp Type:** -**Lamp Base:** -**Replacement Lamp:** -**Beam Angle:** 10° Spot or 35° Flood**Lighting Configuration:** Spot or Flood Pattern**Spot Beam:** 225`L x 25`W**Flood Beam:** 45`L x 40`W**Optics Efficiency:** 90%**LED Drive:** 80%**Ambient Operating Temp Range:** -45°C to 85°C**Lamp Housing Material:** ASA Luran Thermoplastic**Gasket Material:** Rubber**Mounting:** Permanent, (4) Mounting Holes**Movement Range:** 135° Tilt - 370° Rotation**Remote Control:** Single Hard Wired Dash Mounted Remote**Wiring:** 20' Cord Between Light and Remote**Housing Color:** Black[Scroll Down to Purchase-](#)**Ratings**

Seoul Z-Power LED

Meets Marine Standards for Fresh / Saltwater Use

UV and Weatherproof

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671**Intl:** 1-214-616-6180**Fax:** 1-903-498-3364**E-mail:** sales@larsonelectronics.com

This product does not qualify for free shipping.

Part #: GL-9021-IR-2X1 (223123)

Options:

GL-9021-IR-2X1- BEAM ANGLE - IR WAVELENGTH

Example: GL-9021-IR-2X1-SP-750NM

BEAM ANGLE		IR WAVELENGTH	
Spot	-SP	750 nm	-750NM
Flood	-FL	850 nm	-850NM
		940 nm	-940NM







Links (Click on the below items to view):

- [Hi-Res Image 1 - Golight Radioray Infrared Remote Control Spotlight](#)