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LE-4021-20X-DB

Remote Control LED Spotlight - 12-24V DC, 5000 Lumens - (1) Hardwired Remote w/ 20' Cord & Steel Controller Box - Permanent Mount - Black Housing

Product ID: 70872

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.

LE-4021-20X-DB LED Search Light w/ Hardwired Remote
Lamp Technology: LED
Light Dimensions: 5.9" x 7.1" x 7.5"
Base Dimensions: 6.06" x 6.06"
Remote Qty: (1)
Weight: 4.2 lb
Voltage: 12 V DC or 24 V DC
Total Watts: 50W
Lumens: 5,000
Candela: 550,000
Beam Distance: 4,915 Feet
Luminous Efficacy: 100 Lm/W
LED Life Expectancy: 50,000+ Hours
LED Light Color: White
Correlated Color Temperature: 5,700-6,000K
Beam Angle: 8° Spot
Lighting Configuration: Spot
Light Head Rotation: 360° - Continuous
Elevation Angle: 135°
Rotation Speed: 19° per Second (Fast), 19° per Second (Slow)
Elevation Speed: 11° per Second
Wired Dash Mount Remote Type: Joystick w/ 65' Cable
Remote Controls: On/Off, Up, Down, Left, Right, Speed Control
Amps: 4 A @ 12 V DC, 2 A @ 24 V DC
Ambient Operating Temp Range: -30°C to +70°C

Ratings/Approvals
IP68 Rated LED Module
IP56 Rated Housing
FCC Approved
Auto-Home Return

Special Orders - Special Requirements

Housing Material: Acrylonitrile Styrene Acrylate (ASA)
Lens Material: Hardened Polycarbonate
Mount: Permanent Mount - 4.92" x 4.92" Distance Between (4) Mounting Holes
Wiring: 20' Cord Between Light & Remote Control
Housing Color: Black

Contact us for special requirements
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The LE-4021-20X-DB from Larson Electronics is a LED Search Light that provides intense output in outdoor locations and is recommended for lighting support during nighttime operations, emergencies, patrolling, and more. This LED light operates on 12 V or 24 V DC and provides 5000 Lumens of output during use. Equipped with a hardwired remote and 20' cord with metal controller box, the LED light with black housing is compatible with permanent mounting installations.

The LE-4021-20X-DB is a powerful lighting solution for outdoor areas, rugged environments, and remote locations. A total of ten, 5-watt LEDs provide an 8° spot light beam that can reach distances up to 4,915 feet. The low voltage LED search light generates 5000 Lumens of output. During use, this unit rotates at a rate of 19° per second in fast mode and 12° per second in slow mode, as well as elevates at a rate of 11° per second. The LED module carries an IP68 rating and the housing is IP56 rated. Equipped with an acrylonitrile styrene acrylate (ASA) housing, the lens is made out of hardened polycarbonate.

Remote Control(s): This unit comes with one hardwired remote control. The remote allows operators to turn the spotlight on and off and toggle the movement speed between slow and fast. Joystick controls allow for up, down, left, and right movement. The dash mount remote comes with a 20' cable.

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: The LED search light operates on 12 V DC or 24 V DC.

Wiring: This unit is outfitted with a 20' cord between the light and the remote control. The 20' cord is **NOT** for connecting power. Power connects to the unit via a 1 foot cord that can be connected to existing vehicle/boat harnesses. The 20' cord connects the remote to the light providing plenty of slack for a wide variety of mounting scenarios. At the end of the 20' cord, the controller is enclosed by a steel mounting box that allows it to be mounted on any flat surface via four 10-32 machine screws.

Mount: This unit is compatible with permanent mounting installations via four mounting holes. There is a distance of 4.92" x 4.92" between the mounting holes.

Applications: Outdoor locations, vehicles, boats, law enforcement, emergency services, 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.

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Frequently Asked Questions (FAQ)

LE-4021-20X-DB

Product ID: 70872

Warranty: 36 Months

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**