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LZRWL-CRN-BLU-100MW-1227

100mW Blue Crane Warning Laser - 120/277V AC - Projects Blue Line on Floor - IP54 Rated

Product ID: 154394



Image: LZRWL-CRN-BLU-100MW-1227

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.

LZRWL-CRN-BLU-100MW-1227 Crane Warning Laser
Light Type: Blue Laser
Dimensions: 9"H x 7.6"D x 7.4"Diameter
Weight: 5 lbs
Voltage: 120-277V AC 50/60 HZ and 127-431V DC
Total Milliwatts (mW): 100
LED Lamp Life Expectancy: 10,000 hours
Laser Configuration: 45° Narrow Beam, 120° Wide Beam
Ambient Operating Temperature: -40°C to +50°C
Housing Material: Aluminum
Lens Material: Acrylic
Mounting: Surface Mount Bracket
Wiring Hub: Pigtail/Flying Leads

3 year warranty replacement on this laser warning light. After 30 days, the customer ships the failed laser warning light to Larson Electronics at their expense. If the failure is a manufacturer defect, we will ship a new replacement to the customer. If failure occurs within 30 days of receipt, Larson Electronics will provide a return label via email to the customer. When the failed laser is returned, Larson Electronics will ship a new replacement.

Quick Summary
Increases Safety Around Cranes
Projects High-Vis 50` Blue Line on Floor
Easy to Mount
Compact and Lightweight
10,000+ Hour Service Life

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
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The LZRWL-CRN-BLU-100MW-1227 from Larson Electronics is a Crane Warning Laser that features an inline transformer and is ideal for overhead crane safety and to warn people in the area to not walk under an operating crane. This compact 100mW laser produces a high-visibility line of blue light that projects on the ground and has a low voltage and amp draw and a 10,000 hour service life providing operators with a versatile and powerful laser safety lighting system. The LZRWL-CRN-BLU-100MW-1227 is capable of projecting a blue line fifty feet in length on the ground when mounted at a height of fifty feet high.

The LZRWL-CRN-BLU-100MW-1227 crane warning laser light from Larson Electronics is a powerful laser pointer equipped with a special optic in front that allows it to project a line of light instead of just a single dot. It is mounted on the arm of a crane and projects a 120° angle line or 45° angle line onto the floor of the work location or area where the crane is operating. This particular unit is compact at only 7.4 inches in diameter by 9 inches tall by 7.6 inches deep, which makes it ideal for applications where electrical power and mounting space is at a premium.

The LZRWL-CRN-BLU-100MW-1227 crane warning lasers are weatherproof, sealed against intrusion by dust and dirt and very ruggedly constructed to withstand the most demanding environments, conditions and applications. A small profile, low power requirements, high durability and versatile mounting makes these crane warning lasers ideal for industrial manufacturing applications and anywhere requiring overhead crane safety lights. Similarly to forklift safety lights, this product will add an additional level of safety to the industrial environment by warning pedestrians of a crane`s movement when sound warnings may not be enough.

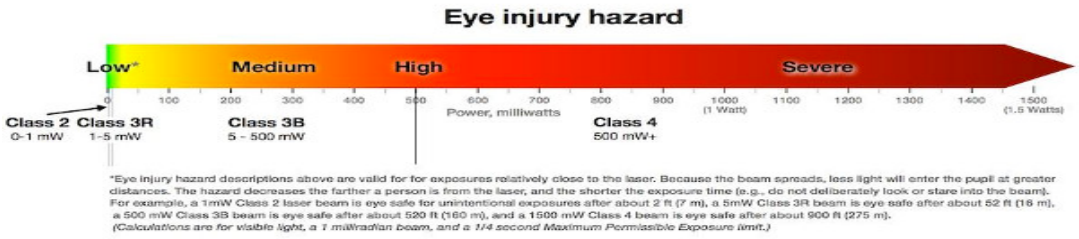
Voltage: The LZRWL-CRN-BLU-100MW-1227 operates on voltages of 120-277V AC for output power.

Transformer: This crane warning laser features an in-line transformer which provides the ability to automatically monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. These transformers can operate on current ranging from 90 to 305V AC or 127 to 431V DC without any modifications necessary as a result. This ability to sense and adjust input current also provides protection against voltage spikes and drops that can occur in electrical systems which would otherwise result in burning up or premature LED failure without it.

Durability: This crane warning laser is built to be durable and long lasting. The laser itself is rated for a 10,000 hours service life. The housing is industrial grade and rugged enough for heavy crane use and providing a safety indicator to people walking near the crane in many different conditions. The LZRWL-CRN-BLU-100MW-1227 is rated as IP54 weatherproof and can be used in outdoor applications.

Mounting: These crane warning lasers feature a small profile and lightweight, making them ideal for use in locations where traditional lights cannot fit or would block other mounted equipment. The LZRWL-CRN-BLU-100MW-1227 features an adjustable U-bracket with a pbluerilled mounting thru-hole. The thru-hole bolt mounting design allows operators to rotate the bracket after mounting to accommodate any requiblue mounting angle. Operators simply

loosen the mounting bolt, adjust the angle of the mounting bracket to the ideal position and then re-tighten the bolt. The U-bracket on the LZRWL-CRN-BLU-100MW-1227 also allows the laser to be oriented 180° vertically after mounting. This innovative mounting design allows this crane warning laser light to be an extremely versatile addition to workplace safety.



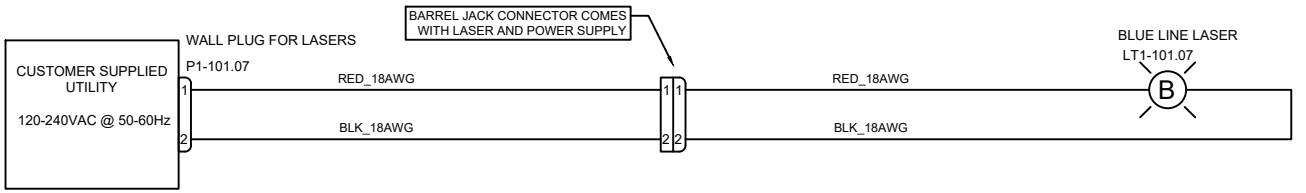
Click Photo to Enlarge

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 tailoblue to meet your specific industry needs.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	3/12/2026

LZRWL-CRN-BLU-100MW-1227-60B

LARSON ELECTRONICS®



TAGS	QTY	CATALOG	DESCRIPTION
LT1-101.07	1	UNV00012417	405nm 20mw~300mw Blue Violet Laser module Line focus adjustable
P1-101.07	1	UNV00012782	POWER SUPPLY FOR LASER

LARSON ELECTRONICS

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KEMP, TX 75143

TITLE: LZRWL-CRN-BLU-100MW-1227-60B

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Frequently Asked Questions (FAQ)

There are no Faqs