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LZRWL-CRN-GRN-100MW

100mW Green Crane Warning Laser - Green Pedestrian Safety Laser - Projects Green Line on Floor - IP54

Product ID: 264839



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-GRN-100MW Crane Warning Laser

Light Type: Green Laser
Dimensions: 9"H x 7.6"D x 7.4"Diameter
Weight: 5 lbs
Voltage: 12V DC
Total Milliwatts (mW): 100
LED Lamp Life Expectancy: 10,000 hours
Laser Configuration: 120° Beam, 60° Beam or 30° Beam
Ambient Operating Temperature: -40°C to +50°C
Housing Material: Aluminum
Lens Material: Acrylic
Mounting: Surface Mount Bracket
Wiring Hub: Pigtail/Flying Leads

Quick Summary

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

Special Orders- Requirements

Contact us for special requirements

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The LZRWL-CRN-GRN-100MW from Larson Electronics is a Crane Warning Laser that 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 green 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-GRN-100MW 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, 60° angle line or 30° angle line onto the floor of the work location or area where the crane is operating. Make your beam angle selection when ordering below. 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.



Click Photo to Enlarge

The LZRWL-CRN-GRN-100MW 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-GRN-100MW operates on 12 V DC voltages for output power.
Durability: This crane warning laser is built to be durable and long lasting. The laser itself is rated for a 10,000 hour 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-GRN-100MW is rated as IP54 weatherproof and can be used in outdoor applications.



Click Photo to Enlarge



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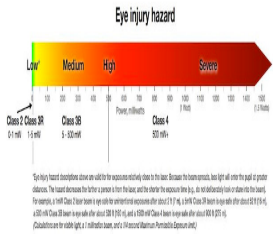
Laser Beam Lengths: The LZRWL-CRN-GRN-100MW is capable of projecting a green line of various lengths on the floor or ground beneath the crane. The length of the projected green line increases along with mounting height. Please reference the table below to determine the green line length for the desired mounting height.

Mounting Height	Beam Angle		
	30°	60°	120°
10 Feet			
25 Feet			
50 Feet			
80 Feet			

120 Feet

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-GRN-100MW features an adjustable U-bracket with a predrilled mounting thru-hole. The thru-hole bolt mounting design allows operators to rotate the bracket after mounting to accommodate any required 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-GRN-100MW 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.



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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)