Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

EXHL-TRN-LE5-CRN-GRN-50MW-1224

50mW Explosion Proof Green Crane Warning Laser- C1D1-2 - C2D1-2 - Aluminum Housing - 12V DC

Product ID: 224310

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: EXHL-TRN-LE5-CRN-GRN-50MW-1224

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.

EXHL-TRN-LE5-CRN-GRN-50MW-1224 50mW Explosion Proof Green Crane Warning Laser

Lamp Type: Laser
Dimensions: 8"L x 6"W x 14"H
Total Milliwatts (mW): 50 mW
Voltage: 12V DC
Lumens: NA
Laser Color: Green
Laser Life Expectancy: 30,000 hours
Laser Configuration: 120° Wide Beam
Ambient Operating Temp Range: -40°C to +50°C
Housing Material: Aluminum
Housing Color: Powder Coated - Grey
Lens Material: Borosilicate Glass
Mounting: Adjustable Surface Mount Bracket w/ Set Screws
Wiring Hub: (2) 3/4" NPT

Ratings/Approvals

Listed for United States & Canada
Class I, Divisions 1 & 2, Groups B, C, D
Class I, Zones 1 & 2, Groups IIB+H2, IIA
Class II, Divisions 1 & 2, Groups E, F, G
Class III, Divisions 1 & 2
NEMA 3R, 4, 7 (B, C, D), 9 (E, F, G)
NRTL Listed to UL 508A
NRTL Listed to UL 1203
NRTL Listed to CSA C22.2 No 14, 25, 30
Made in the USA

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

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Made in Texas

The EXHL-TRN-LE5-CRN-GRN-50MW-1224 from Larson Electronics is an Explosion Proof Green Crane Warning Laser that can be used to support safety during crane operations and to warn people in the area about the presence of an operating crane. The EXHL-TRN-LE5-CRN-GRN-50MW-1224 is Class I, Divisions 1 & 2, Groups B, C, D, Class I, Zones 1 & 2, Groups IIB+H2, IIA, Class II, Divisions 1 & 2, Groups E, F ,G and Class III Divisions 1 & 2 rated for hazardous areas and is listed for use worldwide including the United States, Canada, Europe and Asia. This explosion proof 50 mW laser operates on 12V DC and features a sturdy aluminum build.

The EXHL-TRN-LE5-CRN-GRN-50MW-1224 incorporates a green laser that can be seen clearly during busy crane operations. This powerful laser pointer is equipped with a special optic in front that allows it to project a 120° angle line onto the floor of the work location or area where the crane is operating. It is mounted on the arm of a crane and projects the beam onto the floor of the work location or area where the crane is operating.

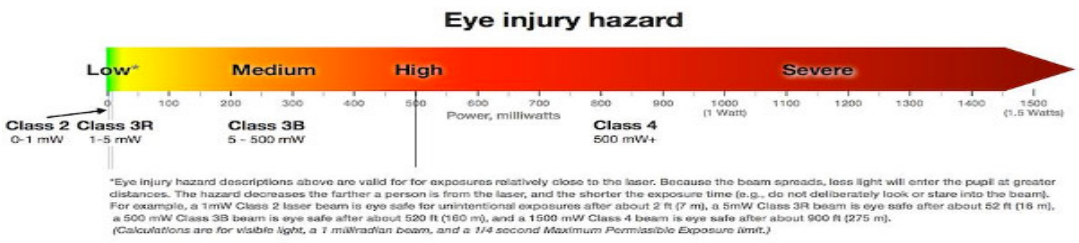
A small profile, low 12V DC power requirements, high durability and versatile mounting makes these crane warning lasers ideal for industrial manufacturing applications and anywhere requiring overhead crane safety lights. Similar to forklift safety lights, this product will add an additional level of safety to the industrial environment by warning pedestrians of a crane`s movement when sound warnings may not be enough.

Durability: The EXHL-TRN-LE5-CRN-GRN-50MW-1224 explosion proof green laser from Larson Electronics is rated NEMA Type 3, 4, 4X, 7 (B,C,D) and 9 (E,F,G) and designed to withstand the rigors of demanding environmental and operating conditions while remaining lightweight and easy to use. These units can operate in temperatures of -40° Celsius to 50° Celsius, are waterproof to 3 meter and resist ingress of dust, dirt and humidity. The housings are formed from extruded aluminum and the lenses are shatterproof borosilicate glass.

Mounting: This explosion proof laser features an adjustable surface mount bracket for seamless control. The included adjustable flat surface bracket has two set screws on the bracket, allowing operators to loosen the mounting bracket, adjust the laser`s tilt orientation, and retighten to hold the unit in position. A single thru-hole mounting bolt allows operators to adjust the rotation of the fixture by loosening one bolt.

Wiring: Terminal strips inside the unit allow operators to make electrical connections. Wiring is fed through rigid pipe to the 3/4" NPT hubs on either side of the fixture and tied in to the fixture`s terminal strips, completing the electrical connection.

Applications: Crane safety, crane measurements, crane warning system and more.



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 tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

There are no Faqs

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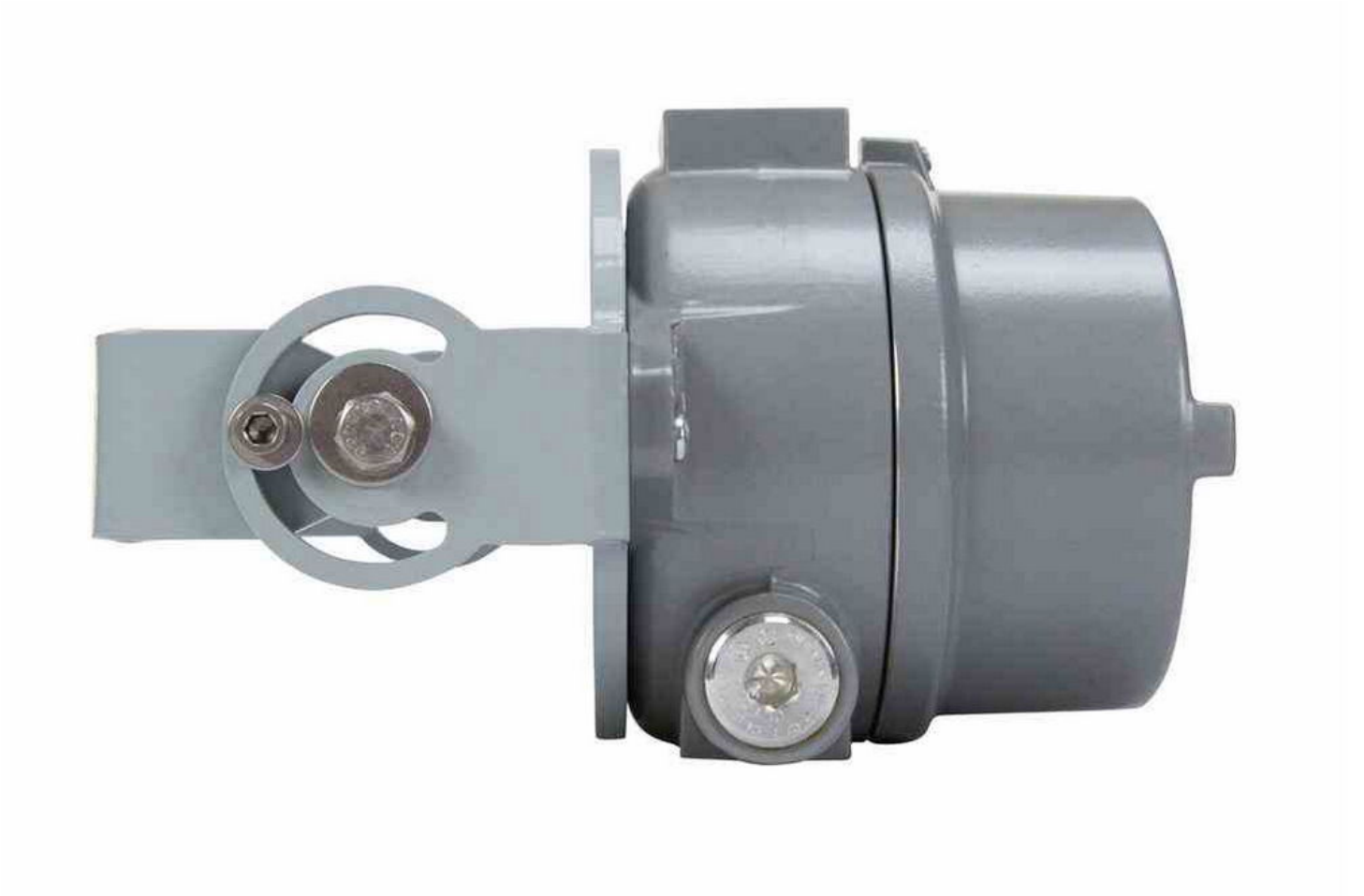


Image: EXHL-TRN-LE5-CRN-GRN-50MW-1224



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Product ID: 224310

Export Control Classification Number (ECCN): EAR99

Options:

EXHL-TRN-LE5-CRN-GRN-50MW-1224-Beam Spread
Example: EXHL-TRN-LE5-CRN-GRN-50MW-1224-WIDE

Beam Spread	
WIDE	-WIDE
NARROW	-NRW

Links (Click on the below items to view):

- **ATEX Certificate (European Explosion Proof)**(https://www.larsonelectronics.com/images/product/ATEXCert/224310.PDF)
- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com/images/product/CECCert/224310.PDF)
- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/224310.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/224310.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com/images/product/Cert2/224310.PDF)
- **Certificate 3, Misc**(https://www.larsonelectronics.com/images/product/Cert3/224310.PDF)
- **Certificate 4, Misc**(https://www.larsonelectronics.com/images/product/Cert4/224310.PDF)
- **Dimensional Drawing 2D**(https://www.larsonelectronics.com/images/product/DimensionalDrawing/224310.PDF)
- **IEC Ex Certificate (International Explosion Proof)**(https://www.larsonelectronics.com/images/product/IECExCert/224310.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/224310.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com/images/product/RoHSCert/224310.PDF)
- **STEP File (3D CAD Model)**(https://www.larsonelectronics.com/images/product/Step/224310.ZIP)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com/images/product/NECCert/224310.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/224310.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/224310.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/224310.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/224310.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/224310.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/224310.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/224310.JPG)
- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/224310.JPG)
- **Video1**(https://www.youtube.com/watch?v=OGbw09xDTqI)
- **Video2**(https://www.youtube.com/watch?v=ZEWSEBXdzYE)
- **Video3**(https://www.youtube.com/watch?v=WLyr5AkhkqY)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)