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LEDXSL-8W-IR-940NM

8W Vehicle Identification Infrared LED Light - 12-36V DC Input - 940nm LED - Saltwater Approved/IP67 Rated

Product ID: 278552



Image: LEDXSL-8W-IR-940NM

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.

Made in USA - Buy American Compliant

LEDXSL-8W-IR-940NM IR LED Vehicle Patrol Light

Listing: -
Lamp Technology: IR LED
Dimensions: 2" x 2.5" x 0.5"
Lamp Quantity: -
Weight: -
Voltage: 12-36V DC
Frequency: -
Total Watts: 8W
Single Lamp Watts: -
Minimum Lumens: -
Maximum Lumens: -
Luminous Efficacy: -
Lamp Life: 50,000+ Hours
IR Wavelength: 940nm
Color Rendering Index: -
Lamp Type: -
Lamp Base: -
Replacement Lamp: -

Ratings

Buy American Compliant
Made in USA
JEDEC Level 1
IP67 Waterproof Rated
Shock Resistant
Saltwater Approved

Beam Angle: Full, 360°

Beam Coverage Area: 360° x 210°

Lighting Pattern: Variable, User Defined

Flash Pattern Control: Trigger Wire

Power Factor: -

Thermal Resistance: 1.1°C/W

Ambient Operating Temp Range: -
Housing Material: Polycarbonate
Finish: -
Lens Material: -
Mount: Two Hole Permanent Flush Mount
Wiring: 16 AWG Wire (Customer Provided)

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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The Larson Electronics LEDXSL-8W-IR-940NM Vehicle Identification Infrared LED Light generates powerful infrared light for reliable vehicle marking, signaling and identification at night. This 8-watt LED unit provides 940nm infrared light with selectable flashing patterns. Weatherproof and extremely versatile, the compact LED light is IP67 rated and approved for use in saltwater locations.

The LEDXSL-8W-IR-940NM is a superior infrared LED light for discreet vehicle identification, marking or paroling at night in rugged environments. This 8-watt light operates on 12-36V DC input (including commonly found 12V, 24V military vehicles, 12V civilian vehicles and 36V heavy equipment). The LED lamp assembly produces 940nm infrared light without the dark spots or uneveness of traditional incandescent beacon lights. This unit is paired with a specially designed clear optical lens for complete 360° x 210° coverage. Operators can change flashing patterns using a trigger wire. The LED driver is secured on the board, inside the unit.

The LED is solid state and uses no filaments or glass in its construction, resulting in an extremely durable light that can withstand far more abuse than regular filament based beacons. The unit is IP67 waterproof rated and offers a wide variety of flash patterns that can be set by the operator. This LED light is saltwater approved and recommended for extreme environments.



Click Photo to Enlarge



Click Photo to Enlarge

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.

Wiring: The LEDXSL-8W-IR-940NM is compatible with customer-provided 16 AWG wiring.

Mount: Equipped with two mounting holes, the machined polycarbonate base is designed for flush mounting and offers a wide degree of mounting versatility, as well as ease of installation.

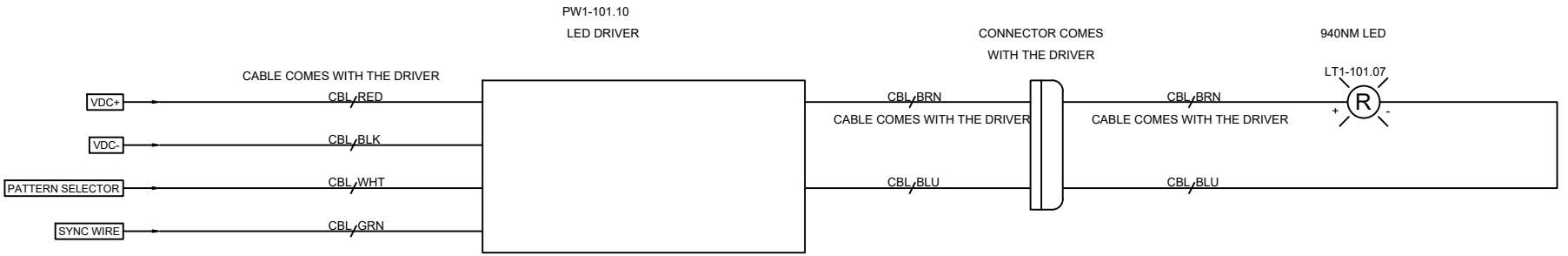
Suggested Applications: Outdoor sites, vehicle identification, signaling, marking, paroling, marine environments, military, fleet vehicles and more.

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.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	1/9/2024

LEDXSL-8W-IR-940NM

LARSON ELECTRONICS®



TO CHANGE PATTERNS
CONNECT THE PATTERN
SELECTOR WIRE TO THE Vdc+

TAGS	QTY	CATALOG	DESCRIPTION
LT1-101.07	1	UNV00020021	5 -7W POWER LED 940NM WITH HEAT SINK
PW1-101.10	1	UNV00002044	10 watt LED strobe LED DRIVER WITH LED

LARSON ELECTRONICS
9419 E US HWY 175,
KEMP, TX 75143

TITLE: LEDXSL-8W-IR-940NM

DRAWN BY	DATE	REV
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Frequently Asked Questions (FAQ)

There are no Faqs