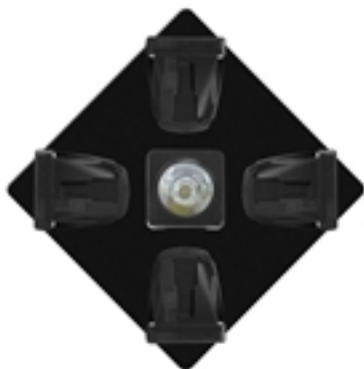


LED10W-1SS-5X-IR-PM

Infrared LED Rotating Beacon - (5) LED Lamps - Controller - IP68

Product ID: 239739

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.

LED10W-1SS-5X-IR-PM - Infrared LED Rotating Beacon

Lamp Technology: LED

Lamp Qty: (5)

Single-lamp Dimensions: 2"-W 2"-H 2.5"-D

Weight: -

Voltage: 9-48V DC

Total Watts: 15W

Single-lamp Watts: 3W

Total Lumens: 4,000 lms - IR Equivalent

Single-lamp Lumens: 800 lms - IR Equivalent

Luminous Efficacy: -

Lamp Life: 50,000+ Hours

Light Color: Infrared

IR Wavelength: 750nm, 850nm or 940nm

Lamp Type: -

Lamp Base: -

Replacement Lamp: -

Beam Angle: 10° Spot or 35° Flood

Spot Beam: 125`L x 25`W

Ratings

IP68 Waterproof

No Mechanically Moving Parts

Flood Beam: 45°L x 40°W

Lighting Configuration: Flashing Strobe w/ Rotating Pattern

Power Efficiency: -

Power Factor: -

Amps: 1.25A @ 12V

Controller: Solid State (Controls Flash Pattern)

Ambient Operating Temp Range: -45°C to +85°C

Operating Temp Rating: -

Housing Material: Aluminum Extrusion

Housing Color: Black

Lens Material: Polycarbonate

Mounting: Surface (Mounting Plate/Base)

Wiring: Deutsch Connector

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The Larson Electronics LED10W-1SS-5X-IR-PM Infrared LED Rotating Beacon provides a highly reliable and stable alternative to traditional beacons with mechanical moving parts. This low voltage lighting solution is equipped with five, 3-watt infrared LED lamps and a solid-state controller (flash pattern settings). Designed for harsh work sites and areas prone to vibration, the IP68 rated unit is compatible with surface mounting applications.

The LED10W-1SS-5X-IR-PM is a cutting-edge infrared LED rotating beacon without mechanically moving parts, making it an ideal solution for rugged work sites, harsh environments and locations that experience constant vibration. This system contains five, 3-watt infrared LED lamps. The lamps are configured in a cross or X configuration, with four LED lamps at every corner and one LED lamp at the center. This results in a flashing strobe with a rotating pattern that closely mimics the configuration of traditional rotating beacons. Infrared wavelength options for the LED lamps include: 750nm, 850nm or 940nm. The light can also be ordered in 10 degree spot mode for a longer, tighter more concentrated light beam or 35 degree flood mode to produce a wider beam spread closer to the unit. Operators may control the flashing pattern of the lighting system using an included solid-state controller.

The rugged aluminum extrusion housing on this unit provides optimum durability and heat dissipation. The IP68 ingress protection rated housing makes this IR LED light impenetrable to dust and submersible under water up to 3 meters. The unbreakable polycarbonate lenses are housed by a 6061 aluminum face plate which doubles as a radiant heat sink to melt away snow and ice in frigid conditions. These LED lights are certified to 6G RMS with vibration tests to ensure performance in high impact conditions.

Voltage: This unit is multi-voltage capable and can automatically sense and adjust incoming current to the correct levels. As a result, this unit can be operated with voltages of 9 to 48V DC without additional hardware.

Wiring: The light terminates with a short pigtail with Deutsch connector.

Mount: The LED10W-1SS-5X-IR-PM features a durable mounting plate/base, which can be used to secure the system on flat surfaces.

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.



Frequently Asked Questions (FAQ)

LED10W-1SS-5X-IR-PM

Product ID: 239739

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

LED10W-1SS-5X-IR-PM-Wavelength-Beam Spread

Example: LED10W-1SS-5X-IR-PM-750nm-ST

Wavelength	
750NM	-750nm
850NM	-850nm
940NM	-940nm

Beam Spread	
SPOT	-ST
FLOOD	-FD

Links (Click on the below items to view):

- [CE Certificate](#)
- [Eye Safety Information/Certificate](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [Operations Manual](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)