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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

LEDP2X10WRE-S-E

LED Light Emitter on Perko Pole Mount - 20 Watts - 2x10-Watt LEDs - 12-32 Volts - 700'L X 120'W Spot

Product ID: 71271

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.

Specifications / Additional Information

LEDP2X10WRE-S-E Boat Light

LED:CREE XLamp XM-L® LED
Dimensions: 5.83"-W 4.8"-Depth
Watts: 20
Voltage: 12-32 V DC
Weight: 6 Lbs
Lighting Configuration: 10° Spot 20° Wide Spot or 60° Flood
Mounting: Perko Mount (Stanchion)
Wiring: Perko Socket

Amps: 1.67 @ 12V DC - 0.84 @ 24V DC

Lumens: 1720
LED Light Color: 6000K
LED Life Expectancy: 50,000 hours
Optics Efficiency: 90%
Materials: Aluminum Housing, Polycarbonate Lens
Housing Colors: Black
CE Certified
3 year warranty replacement on this LED light. After 30 days, the customer ships the failed LED light and/or LED bulb 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 light is returned, Larson Electronics will ship a new replacement.

LEDP2X10WRE-S-E LED Features

Cree 10 Watt LED Emitters
LEDs Driven At 90%
-40°C~ +80°C Operating Temp Range
80% Lumen Retention @50,000 hours
IP68 Rated Waterproof to 3 meters

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

Buy American Compliant

The Larson Electronics LEDP2X10WRE-S-E is an LED Light Bar with Perko Post (Stanchion) Mount with red/green navigational lights. This unit offers high light output in a light weight, durable, low profile housing. This light produces a very tight spot pattern, can run on any 12 to 32 Volt source and provides a rugged lighting solution ideal for use in marine environments.

The LEDP2X10WRE-S-E LED light emitter from Larson Electronics produces a 700` long by 120` wide light beam with 1720 lumens of bright light while drawing only 20 watts @ 1.67 amps from a 12 volt electrical system. Two CREE XLamp XM-L® 10 watt LEDs producing 860 lumens each are paired with high purity 10 degree optics to produce a tightly focused spot beam with limited spread or light spillage. We also offer this product in 20 degree wide spot and 60 degree flood varients, making flood versions ideal for use as work and area lights. Unlike other LED spots, this unit is not a wide spot. The beam on this light emitter is so tight, it resembles the pattern of an HID spot (not distance-wise). This light emitter is ideal for anyone who is looking for a tight spot light that offers an outstanding life hours of 50,000+.

These LED light bars are IP68 rated and waterproof to one meter, sealed against intrusion by dust and dirt and ruggedly constructed to withstand demanding environments and applications. The entire Larson Electronics LEDLB series are constructed of extruded aluminum and feature rubber isolated mounts and unbreakable polycarbonate lenses to provide durability and resistance to vibrations, impacts, waves, hard rains, sand and high winds.

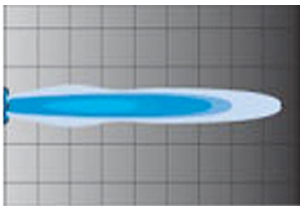
Heat Management: Heat is the single largest factor in premature LED failure and color shifting. As a result, many manufacturers reduce the output of their LEDs to reduce the amount of heat produced. These LED light bars utilize an extruded aluminum housing that incorporates an advanced heat radiating fin design which dissipates heat efficiently to produce the maximum amount of power and longevity from the integrated Cree Emitters. The end result is more light and longer LED life with higher average lumen maintenance after 50,000 hours.

Voltage Control: These units are able to monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels. These LEDLB series light bars can operate on current ranging from 12 to 32 VDC without any modifications necessary as a result. This multi-voltage capability makes these units ideal for mobile and stand alone applications such as those found on boats, heavy equipment and vehicles where power systems don't always operate with 12 volts and external generators, transformers or inverters are impractical.

LEDP2X10WRE-S-E 60° Flood Beam (Opt)



LEDP2X10WRE-S-E 10° Spot Beam (Stnd)



Durability: The LEDP series of LED light bars from Larson Electronics offer IP68 rated construction that is designed to withstand tough environmental and operating conditions yet are lighter and more compact than our extreme duty E

series light bars. These units can operate in temperatures ranging from -40 degrees Celsius to 85 degrees Celsius, are waterproof to one meter and resist ingress of dust, dirt and humidity. The housings are formed from extruded aluminum, the hardware is stainless steel and the lenses are unbreakable polycarbonate. The Cree XLamp LEDs offer inherent LED resistance to shocks and vibrations, contributing to these units 15.6Grms rating of vibration tolerance. These LEDLB series light bars are ideal for use in marine environments as well as industrial and commercial settings.

MOUNTING POLE (STANCHION POST):

- Pole (stanchion) mount enables light to be installed and/or removed and stored. Included running lights are always on when mount is receiving power.
- We offer 6 inch, 12 inch, 24 inch and 42 inch pole lengths
- 2 gold plated connectors imbedded in nlylon base bring power from Perko socket
- Locking nylon collar twists into place
- Red/green running lights mounted to bottom of the stainless steel plate just forwad of the post
- Standard Perko socket, commonly installed on many boats, accepts stanchion post mount. Sliding door Perko socket included with installation template.

Click here for Instructions on the Perko Mount

RED/GREEN RUNNING LIGHTS ARE USCG 1NM CERTIFIED - VISIBLE AT 1 NAUTICAL MILE.

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364









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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

LEDP2X10WRE-S-E

Product ID: 71271

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:

LEDP2X10WRE-S-E-Beam Config-Perko Pole Lgth

Example: LEDP2X10WRE-S-E-SP-6in

Beam Config	
SPOT	-SP
WIDE SPOT	-WS
FLOOD	-FL

Perko Pole Lgth	
6	-6in
12	-12in
24	-24in
42	-42in

Links (Click on the below items to view):

- CE Certificate
- MSDS (Material Safety Data Sheet
- RoHS Certificate (Restriction of Hazardous Substances)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map