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LED1X10WRE-1S-FLGP-DNS-12V

LED Flag Pole Spot Light w/ Integrated Photocell - 10 Watt LED - 12V - 50/60Hz - 5' Line-In Cord

Product ID: 268614

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.

LED1X10WRE-1S-FLGP-DNS-12V LED Light

Lamp Type: CREE Xlamp XM-L®
Dimensions: 3.00"W x 4.50"H x 3.80"D
Watts: 10
Led Drive %: 90%
Voltage: 12 V DC
Lighting Configuration: 10° Spot, 20° Wide Spot, or 60° Flood
Mounting: Adjustable U-Bracket
Wiring: Deutsch IPD / LADD DT04-2P connector
Amps: -
Lumens: 860
LED Light Color: 6000K
Wiring: 5' Line-In Cord w/ Blunt Cut End, 5' Cord from Photocell to Light
LED Life Expectancy: 50,000 hours
Optics Efficiency: 90%
Materials: Aluminum Housing, Polycarbonate Lens
Weight: 2 lb
Housing Colors: Black or White

LED1X10WRE-1S-FLGP-DNS-12V Features

Seoul Z-Power® LEDs
Low Amp Draw
Small Size
50,000 Hour Service Life
Shock Vibration Resistant
Ambient Op Temp -45°C to 85°C
Day/Night Photocell

CE Certified

EN55015 EMI
EN61547 EMS
EN62471 Photobiological Safety

Special Orders - Special Requirements

Contact us for special requirements

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Buy American Compliant

The LED1X10WRE-1S-FLGP-DNS-12V Light is ideal for a flag poles and flag lighting. This ultra compact LED light produces a 860 lumen output

with low amp draw, 50,000 hour service life, and comes with an integrated photocell.

The LED1X10WRE-1S-FLGP-DNS-12V flag pole light emitter from Larson Electronics produces 860 lumens of bright light on a 12 V DC electrical system. A single CREE XLamp MC-E® 10 watt LED producing 860 lumens is combined with high purity optics to produce a wide 60° flood beam reaching 250` in length and 288` in width. We also offer a 10° spread spot beam approximately 700` long by 120` in width and a 20° spot reaching 450` in length and 155` in width. This particular unit is ultra compact at only 3" wide by 4.5" tall with mounting bracket by 3.8" deep, which makes it ideal for applications where electrical power and mounting space is at a premium.

The LEDP WRE series LED lights are waterproof to 3 meters, 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 LED lights ideal for a wide array of applications including but not limited to: military, industrial manufacturing, machine visioning, security and law enforcement, boating, offroading and commercial structure illumination.



This photo shows an open field illuminated only by ambient light at approximately 9:00 PM.

Click Photo to Enlarge



This photo shows the wide spot configuration, illuminating that field. The beam reaches the object in the distance positioned at 250 feet.

Click Photo to Enlarge



This particular photo shows the flood configuration. Notice a more abundant amount of light, closer to the fixture.

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.

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 design which dissipates heat efficiently to produce the maximum amount of power and longevity from the integrated CREE XLamp MC-E® Emitters. The end result is more light and longer LED life with higher average lumen maintenance after 50,000 hours.

Photocell: The day/night detecting sensor that automatically turns on an flag pole LED light when the level of daylight drops. This phoocell can detect ambient lighting and tell whether it is night or day outside. The sensor is also equipped

with a test shield, allowing operators to override the sensor to ensure its functioning properly.

Durability: The LEDP WRE series of LED light bars from Larson Electronics also offer IP68 rated construction that is designed to withstand extremes of environmental and operating conditions. These units can withstand frigid temperatures, are waterproof to three meters and resist ingress of dust, dirt and humidity. The housings are formed from extruded aluminum and the lenses are unbreakable polycarbonate. The CREE XLamp® LEDs offer resistance to shocks and vibrations and are rated at 70% lumen maintenance after 50,000 hours of use.
Wiring: The LED1X10WRE-1S-FLGP-DNS-12V is equipped with a 5` line-in cord. The cord is terminated in a blunt cut end which allows operators to complete wiring connections. There is also 5' of cord connecting the photocell to the light fixture as well.
Mounting: Suspended on top of an adjustable u-bracket, this LED light can be adjusted and tightened into any position to suit your application. A single stud protrudes from the bottom of the u-bracket mount, enabling the operator to install the light using a simple through hole mount. In other words, the light can be installed anywhere a 3/8" hole can be drilled.

60° Flood Beam



10° Wide Spot Beam



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)




A9

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LED1X10WRE-1S-FLGP-DNS-12V

Product ID: 268614

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

LED1X10WRE-1S-FLGP-DNS-12V-Housing Color-Beam Config

Example: LED1X10WRE-1S-FLGP-DNS-12V-BLK-SP

Housing Color	
BLACK	-BLK
WHITE	-WHT

Beam Config	
10° SPOT	-SP
20° WIDE SPOT	-WS
60° FLOOD	-FL

Links (Click on the below items to view):

- **Operations Manual**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**