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Product ID: 144382

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



Image:

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.

SHBM-LED25WRE-CPR Pivot Mount LED Spotlight

Lamp Type: LED
Lamp Dimensions: 4.5" OD
Weight: 1.4 lbs
Temperature Rating: -40°C to +85°C
Voltage: 12-32V DC
Watts: 25W
Total Lumens: 2750
Color Temperature: 6000K
Amps: 2.08 @ 12V; 1.04 @ 24V
LED Drive Percentage: 90%
Case Material: Aluminum
Lens Material: Polycarbonate
Mounting: Bar Clamp Pivot Mount
Wiring: 16ft Coil Cord w/Cigarette Plug, 21ft Cord with Ring Terminals, 16ft Cord w/Battery Clamps, 16ft Cord with Cigarette Plug

Ratings/Features:

CE Certified
IP68 Rating
Projects Beam up to 1000` Long
Spot or Flood Configuration
Aluminum Housing

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

The SHBM-LED25WRE-CPR from Larson Electronics is an LED spotlight with a bar clamp and pivot mount for convenient mounting and positioning options while in use. The LED bar clamp swivel mount spotlight produces 2750 lumens and operates on 9-32V DC voltage. The SHBM-LED25WRE-CPR features a weatherproof nylon housing, hardened glass lens and is

available in both a spotlight and flood light configuration. As a spotlight, this LED light projects a beam up to 1000 feet long. In the floodlight configuration, the SHBM-LED25WRE-CPR covers an area 250 feet wide by 250 feet long.

The SHBM-LED25WRE-CPR is a versatile and durable solution for a wide variety of different lighting needs and applications. The robustly constructed bar clamp pivot mount keeps the spotlight firmly mounted even when driving or moving over rough terrain. The superior lighting power of this LED spotlight provides ample illumination to even the darkest of locations.

Light Information: The SHBM-LED25WRE-CPR features the LED25WRE LED light head; a 25 watt high intensity LED lamp that produces 2750 lumens of lighting power and has a service life of 50,000+ hours. The LED25WRE has a color temperature of 6000K, can project a beam up to 1000` in length and draws only 2.25 amps from a 12V electrical system.

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.



Click Photo to Enlarge

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.



This photo shows an open parking lot lit only by ambient light at approximately 9:00 pm.



This photo shows the LED25WRE in spot configuration. The building in the distance is 300` away, well illuminated by the

LED spotlight.

Voltage/Power: These units are also able to monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. These LEDP WRE series LED lights can operate on current ranging from 12 to 32V DC without any modifications necessary as a result. This ability to sense and adjust input current also provides protection against voltage spikes and drops that can occur in vehicle electrical systems which would otherwise result in burning up or premature LED failure without it.



16ft Coil Cord w/Cigarette Plug



21ft Cord with Ring Terminals



16ft Cord w/Battery Clamps



16ft Cord with Cigarette Plug

Click Images to Enlarge

Wiring: Each spotlight comes with a detachable 16 foot coil cord with cigarette plug. The cord is detached via a weatherproof, 2 pin Deutsch connector which easily and securely attaches and detaches the coil cord from the spotlight. Other cords, including 21 foot cords with ring terminals (C-21RT), 16 foot cord with spring battery clamps (alligator clips) (C-16BC) and a 16 foot straight cord with cigarette plug (C-16CP) are available. This light on 11-32V DC, including 12 volt or 24 volt DC, allowing it to be used with any vehicle or ATV equipped with a cigarette plug. Choose voltage below when ordering.

Most Larson Electronics LEDLB, LEDP3W, LEDP10W, LED10W, and LEDP WRE series LED spotlights and floodlights are terminated with a Deutsch IPD / LADD DT04-2P connector. The mating connector plug is DT06-2S. Most LEDLB, LEDP10W and LED10W series lights ship with mating connector as part of a harness or pigtail, depending on the model. Some larger LED lights like the LEDLB-160X2 or LEDLB-200X2 or multiple function LED lights (i.e. high/low beam, modulating, IR/Visible combos) will have different Deutsch connectors.

Click Photo to Enlarge

Mounting: The SHBM-LED25WRE-CPR features a durable and rugged bar clamp for attaching the unit to various tubes, pipes, rails and bars. The bar clamp is constructed from strong and lightweight aluminum. Small machine screws secure the bottom half of the clamp to the top portion. The installer simply affixes the light to the top portion and places the assembly on the rail or bar. The bottom portion is positioned and secure with the machine screws, cinching the clamp tightly to the bar. An additional set screw at the very bottom of the mount adds additional security for bars that are slightly off size (metric outer diameters).

The bar clamp of the SHBM-LED25WRE-CPR is attached to a versatile pivot mount that can be adjusted for angle and direction via an attached directional handle and wing bolt. The pivot mount makes the LED spotlight useful as a vehicle mounted searchlight. The pivot mount also includes a built-in level to ensure ideal mounting positioning during installation.

Suggested Applications: The aluminum bar clamp mount on the SHBM-LED25WRE-CPR is ideal for mounting the LED spotlight to boat rails, ATV rails, roof racks, conduit or other round tube stock applications. This LED spotlight is ideal for law enforcement, search and rescue and security operations as well as hunting, fishing, boating, offroading and any other applications that require a durable and powerful vehicle mounted spotlight.

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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Product ID: 144382

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

Options:

-Cord-Rail Size
Example: -16CP.CC-.75

Cord	
16 CIG COIL	-16CP.CC
16 CIG	-16CP
21 RING TERMS	-21RT
16 BATT CLAMPS	-21BC
16 FLYING LEADS	-16.PIGTAIL

Rail Size	
.75	-.75
1	-1
1.25	-1.25
1.5	-1.5
1.75	-1.75
2	-2
2.25	-2.25
2.5	-2.50
2.75	-2.75
3.0	-3

Links (Click on the below items to view):

- **CE Certificate**(https://www.larsonelectronics.com//images/product/CECert/144382.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com//images/product/Msds/144382.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com//images/product/RoHSCert/144382.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com//images/product/SpecSheetSpanish/144382.PDF)
- **Spectrum Curve (Wavelength Graph)**(https://www.larsonelectronics.com//images/product/SpectrumChart/144382.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com//images/product/WiringDiagram/144382.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/144382.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/144382.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/144382.JPG)
- **HigResPic4**(https://www.larsonelectronics.com//images/product/HigResPic4/144382.JPG)
- **HigResPic5**(https://www.larsonelectronics.com//images/product/HigResPic5/144382.JPG)
- **HigResPic6**(https://www.larsonelectronics.com//images/product/HigResPic6/144382.JPG)
- **HigResPic7**(https://www.larsonelectronics.com//images/product/HigResPic7/144382.JPG)
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- **HigResPic10**(https://www.larsonelectronics.com//images/product/HigResPic10/144382.JPG)
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