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SHBM-5500

35W HID Spotlight w/ Bar Clamp Pivot Mount - 3200 Lumens - 9-32V DC - Weatherproof Nylon Housing

Product ID: 144351

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.

SHBM-5500 Pivot Mount HID Spotlight

Lamp Type: HID
Lamp Dimensions: 5.5" OD
Weight: 1.4 lbs
Temperature Rating: -40°C to +105°C
Voltage: 9-32V DC
Watts: 35W
Total Lumens: 3200
Color Temperature: 7000K
Amps: 4.8 amp start load / 3.3 average @ 12V; 2.4 amp start load / 1.7 average @ 48V
Vibration Tolerance: 8.6G RMS
Case Material: Nylon
Lens Material: Borosilicate Hardened Glass Lens
Mounting: Bar Clamp Pivot Mount

Ratings/Features:

CE Certified
IP67 Rating
Projects Beam up to 2300` Long
Spot or Flood Configuration
Weatherproof Nylon Housing

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
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The SHBM-5500 from Larson Electronics is an HID spotlight with a bar clamp and pivot mount for convenient mounting and positioning options while in use. The HID bar clamp swivel mount spotlight produces 3200 lumens and operates on 9-32V DC voltage. The SHBM-5500 features a weatherproof nylon housing, hardened glass lens and is available in both a spotlight and flood light configuration. As a spotlight, this HID light projects a beam up to 2300 feet long. In the floodlight configuration, the

SHBM-5500 covers an area 250 feet wide by 250 feet long.
The SHBM-5500 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 HID spotlight provides ample illumination to even the darkest of locations.
Light Information: The SHBM-5500 features a 35 watt HID Xenon D2 type lamp that produces 3200 lumens of lighting power and has a color temperature of 7000K (bright white). The internal 35W HID ballast features instant on operation and takes only 3 seconds to come up to full power. Precision metal reflectors and a hardened glass lens work to ensure the highest amount of light is projected forward for superior lighting power in any situation.



This snapshot shows a dark road similar to a long, narrow corridor, illuminated by nothing but moonlight.



This image shows the same road illuminated with the spot beam of the HID-5500; clearly and easily reaching the distant trees over 1800` away, even while cutting through the distant street light

Voltage/Power: The SHBM-5500 operates on voltages ranging from 9-32V DC. When operating on 12V DC, this HID spotlight has a start load of 4.8 amps and a 3.3 amp average draw over 60 seconds. When operating on 24V DC, the SHBM-5500 has a 2.4 amp draw on start and a 1.7 average amp draw over 60 seconds.
Wiring: The SHBM-5500 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.
Mounting: The SHBM-5500 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-5500 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 HID 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-5500 are ideal for mounting the HID spotlight to boat rails, ATV rails, roof racks, conduit or other round tube stock applications. This HID 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)

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HID

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SHBM-5500

Product ID: 144351

Warranty: 36 Months

Export Control Classification Number (ECCN): EAR99

Options:

SHBM-5500-Beam Pattern-Housing Color-Bar Size

Example: SHBM-5500-SP-BLK-.75

Beam Pattern	
SPOT	-SP
FLOOD	-FL

Housing Color	
BLACK	-BLK
WHITE	-WHT

Bar 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):

- HigResPic1
- HigResPic2
- HigResPic3
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- HigResPic5
- HigResPic6
- HigResPic7
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- HigResPic9
- HigResPic10
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map