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

HID-X968

(2) HID Spotlights - EACH: 5.5" OD Round - Stud Mount - 2300' Beam - Nylon Housing - 3200 Lumens

Product ID: 162

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.

HID-X968 HID Spotlights

Lamp Type: HID
Individual Lamp Dimensions: 5.5" OD x 5.5" Depth
Weight: 2.8 lbs Total (1.4 lbs per Spotlight)
Temperature Rating: -40°C to +105°C
Voltage: 9-32V DC
Total Watts: 70W (35W per Lamp)
Total Lumens: 6400 Lumens (3200 Lumens per Lamp)
Beam Configuration: Spot or Flood
Color Temperature: 7000K
Individual Spotlight 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: Stud Mount w/ Adjustable Bracket

Ratings/Features:

IP67 Rating
Projects Beam up to 2300` Long
Spot or Flood Configuration
Weatherproof Nylon Housing
CE Certified
EN55015 EMI
EN61547 EMS
EN62471 Photobiological Safety

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 HID-X968 from Larson Electronics is a Pair of HID Spotlights with weatherproof nylon housings and precision metal reflectors. These HID spotlights each produce 3200 lumens and operate on 9-32V DC voltage. Each HID-X968 spotlight features a borosilicate hardened glass lens and

is available in both a spotlight and flood light configuration. As a spotlight, each HID light projects a beam up to 2300 feet long. In the floodlight configuration, each HID-X968 fixture covers an area 250 feet wide by 250 feet long.

The spotlights included with the HID-X968 are a versatile and durable solution for a wide variety of different lighting needs and applications including ATV, motorcycle, mountain bike and other automotive applications. Each spotlight has a 5.5" outside diameter, is 5.5" in depth and weighs only 1.4 pounds. The superior lighting power of these HID spotlights provide ample illumination to even the darkest of locations.

Light Information: Each spotlight included with the HID-X968 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 borosilicate 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 from one of the HID-X968 spotlights; clearly and easily reaching the distant trees over 1800` away, even while cutting through the distant street light

Voltage/Power: The HID-X968 spotlights operate on voltages ranging from 9-32V DC. When operating on 12V DC, these HID spotlights have a start load of 4.8 amps and a 3.3 amp average draw over 60 seconds. When operating on 24V DC, the each HID-X968 spotlight has a 2.4 amp draw on start and a 1.7 average amp draw over 60 seconds.

Durability: The HID-X968 spotlights have a durable weatherproof nylon housing and a tough borosilicate hardened glass lens that helps them stand up to even rough and abusive conditions. These HID spotlights feature an IP67 waterproof rating which means that they are both dust-tight and that no harmful amount of water may enter the housing when the spotlight is temporaily submerged to depths of up to one meter. These lights also have a vibration resistance of 8.6 Grms and an operating temperature range of -40°C to +105°C.

Mounting: Each HID-X968 spotlight features an adjustable bracket connected to the bottom of the spotlight and can be stud mounted.

Suggested Applications: These HID spotlights are 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 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.

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

HID-X968

Product ID: 162

Harmonized System (HS) Code: 8512.20.2080
Export Control Classification Number (ECCN): EAR99

Options:

HID-X968-Beam Config

Example: HID-X968-SP

Beam Config	
SPOT	-SP
FLOOD	-FL

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**