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-X970-MA

ACRO LIGHTS X970-M HID Off Road Light - 5X7 lens - chrome - modified spot - internal ballast

Product ID: 299

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.

This Acro HID Off Road Spotlight produces a modified spot beam pattern.
This means that the unit will
produce a beam that is much like the spot beam itself, with the exception that a percentage of the length of
the beam will be reduced in order to provide a much wider beam. Unlike the flood, the modified spot will still
reach lengths of 1800` + but will have a narrower beam. The approximate beam pattern dimensions are 1700`L X 175`W.
Common applications for the HID-X970-M include off road vehicles, heavy duty equipment, boating and marine use, as well
as various hunting applications.

The HID Off Road Modified Spotlight is constructed of heavy duty cast aluminum with a chrome and black finish. The unit
is completely sealed to prevent water or dust from entering. The HID light is completely weatherproof.

Specifications:
* Ballast & Igniter incorporated into lamp housing for easy installation
* 35W Xenon D2S bulb
* Over 50% less energy consumption compared to conventional lighting
* Heavy duty cast aluminum construction with durable chrome & black finish

* Uses common 12VDC power
* Average current draw @12VDC: Start: 4.8 amp, Run: 3.3amp (in under 60 sec)
* Applications include automotive, RV, ATV, motorcycle, marine, emergency service and industrial use
* Swivel bracket design
* Off-Road tested
* Dust and water resistant design
* Includes lens cover
* Weight: 4lb 4oz
* Comes complete with 1 light, ballast, starter and wiring harness
* Spot pattern (Approximate pattern 1700`L x 175`W)
*The mounting stud is 10mm x 1.25 thread and the standard stud is 2 1/2 inch long overall.
This is a ball head indexing stud and not a standard bolt



Here we see a Ford SVT Raptor equipped with 8 of our HID-X970 lights. Off-Road vehicles are typically mounted with HIDs for maximum illumination.

Note: Included wiring harness is for 12 volt systems only. Typically, 24 volt systems, including most heavy equipment installations, have existing wiring harnesses with toggle switches that are properly rated for these lights. The 12 volt system includes a relay which handles the initial surge (12-13Amps) in 12 volt systems. This surge is not an issue on 24 volt systems. The relay and switch are only rated for 12 Volts.



12 Volt Switch

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Frequently Asked Questions (FAQ)

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

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**