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990X-M-DC

35 Watt HID Handheld Spotlight - 3200 Lumen - 2, 70-Min. Batteries - Vehicle Adapter w/ Mag. Mount

Product ID: 340

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.

The 990X-M-DC has a 35 Watt, Xenon 4300 Kelvin, High Intensity Discharge (HID) bulb, 3200 lumens - produces 2700 lux at 25 feet (4 D-cell Maglite produces 280 lux at 25 feet). The 990X-M-DC features a 4000 foot beam, articulating head, a 12 Volt vehicle adapter pack w/ 200 pound grip magnetic base, focusable beam and two interchangeable batteries. Please note that only the vehicle adapter comes equipped with a 200lb. magnetic base.



This image shows a dark street, illuminated by nothing but distant street lights.

This image shows the same road, this time being illuminated by the 990X. Notice the white picket fence at the end of the road, approx. 3800` away being illuminated clearly by the 990X.



In this image, the 990X-M-DC is showed in flood mode (simply twist the lens to adjust from spot to flood) is shown illuminating the dark road.

- 5 inch diameter magnet with 200 pounds of gripping pull attached to base of 12v vehicle adapter
- Adjustable beam from flood to spot - beam patterns show below
- Heavy-duty cast aluminum head with composite lower housing

- 70 minute run time per battery (2 batteries with come with each 990X-M-DC flashlight)
- System includes 990X-M-DC light, 2 rechargeable Ni-MH 12V Rechargeable 4.5 AH Ni-MH batteries, AC charger, 12 volt vehicle adapter w/ 200lb. magnet base, as well as a carrying strap and case.
- Charge cord plugs directly into the battery (the 990X-M-DC can be in use while spare battery is charging)
- Head pivots from 90 to 180 degrees with the push of a button (no tools needed)
- Dimensions: lens is 5 inches in diameter; when positioned in the 90 degree angle, the unit stands 12 inches high and 8 inches long; when fully extended, the unit is 15.5 inches in length
- Lens focus ring adjusts approximately 1/4 turn for focus adjustment to beam pattern
- Compact ballast incorporated into lamp housing for portable, light weight use
- Dust and water resistant design
- 12V car adapter for extended run time
- Average current draw @12 VDC:
  Start: 12.2amp, Run: 3.3amp (in under 60 sec.)
- Average recharge time: 4 hours - For those of you looking to use an vehicle inverter to recharge the light - the batteries draw .4 amps, so a 75 watt inverter is required
- Weight: Flashlight with battery, 6 lbs/2.7kg
  Complete kit, 13 lbs 3 oz/ 5.98kg \
- Easy-to-use slide on/off switch
- Led charging indicator on battery; red indicates charging, green indicates fully charge
- Over 50% less energy consumption compared to conventional lighting
- Professional grade unit for industrial, agricultural, law enforcement, emergency service, fire, search & rescue and marine use

LUX Measurements: In SPOT

At The Lens: N/A
At 10 Ft: 40,800
At 15 Ft:8,200
Lens Temp: 121 Degrees F
Head Temp: 91 Degrees F

Lux Measurements: In FLOOD

At the Lens: N/A
At 10 Ft: 4,680
At 15 Ft: 2,010
Lens Temp: 121 Degrees F
Head Temp: 91 Degrees F

For those of you familiar with cordless tools, this HID flashlight works just like any cordless drill. The batteries snap in and out of the base easily. One battery can be charging while the other is in use. A separate accessory, the vehicle adapter snaps into the battery socket, enabling users to run the light off of a 12 volt or 24 volt vehicle`s power system indefinitely.

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Frequently Asked Questions (FAQ)

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **DXF (2D CAD Model)**
- **Operations Manual**
- **STEP File (3D CAD Model)**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**