Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

MRL-1000HPS-EB

1000 Watt High Pressure Sodium Light with External Ballast - 130,000 Lumens

Product ID: 46759

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



Image: MRL-1000HPS-EB

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.

MRL-1000HPS-EB High Pressure Sodium Light Fixture

Lamp Type: High Pressure Sodium
Dimensions: -
Weight: -
Voltage: 120-277 V AC, 50/60 Hz
Watts: 1000 W
Lumens: 130,000
Luminous Efficacy: 130 Lm/W
Lighting Configuration: Flood
Cord Cap Options: -5.15, -6.15, -7.15, -5.20, -6.20, -7.20, -5.30, -6.30, -7.30, -L5.15, -L6.15, -L7.15, -L5.20, -L6.20, -L7.20,-L5.30, -L6.30, -L7.30, BS1363, Schuko, or Pigtail
Housing Material: Die Cast Aluminum
Housing Color: Bronze Polyester
Lens Material: Thermal, Shock, and Impact Resistant Glass
Optic: Parabolic w/ Alzak® Finish
Mounting: Adjustable Trunnion Bracket

Ratings/Approvals

Extremely Durable and Versatile
Impact/Vibration Resistance
Shatterproof Lens

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 MRL-1000HPS-EB from Larson Electronics is a High Pressure Sodium Light that

produces 130,000 lumens of light output. This high pressure sodium (HPS) light is equipped with a remote external ballast along with 50` of STOOW cord between the light and ballast box and an additional 20` of cord between the ballast box and power source. By removing the ballast from the fixture and mounting it in the external NEMA enclosure, the weight of the fixture is reduced, making it easier to mount at height.

HPS lights are ideal for use around water, fog, dust, smoke and other airborne impedients to visibility. This multi-purpose light is a popular flood light fixture, because of it`s durability, powerful light output and weatherproof construction. Thus, it is a common choice for industrial flood lighting, even when operating in non-hazardous location environments.

Light Features: This high pressure sodium light fixture features a compact, rugged die-cast aluminum construction that combines architecturally beautiful design with rugged dependability, simple installation and maintenance. The housing is built from pressure-cast copper-free aluminum with an architectural bronze polyester finish. The lens door has the same bronze polyester finish and is built from pressure-cast copper-free aluminum that is secured with 1/4" diameter captive stainless steel slotted hex-head bolts. The MRL-1000HPS-EB is equipped with a thermal shock and impact resistant glass and features a heavy duty, high temperature, long life silicone rubber gasket.

The MRL-1000HPS-EB high pressure sodium light fixture has a specification grade mogul base porcelain socket with heavy gauge brass, nickel-plated, double lamp-grip screw shell and spring-loaded center contacts. The double segment compound parabolic reflectors with Alzak® finish allow for maximum efficiency.

Voltage: The MRL-1000HPS-EB operates on 120-277 V AC current.

Click Photos to Enlarge



5-15 Straight Blade Plug
15 Amp / 125V Rated



L5-15 Twist Lock Plug
15 Amp / 125V Rated



L6-15 Twist Lock Plug
15 Amp / 250V Rated



UK BS1363 Straight Blade Plug
13 Amp / 250V Rated / Internal Fuse



Intl Schuko 2-Pin Plug
16 Amp / 250V Rated / Grounded



Flying Leads / Pigtail Wires

Wiring/Plug: This general use high bay LED light fixture is equipped with 10 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for

easy connection to common wall outlets. Plug options include standard 5-15 15 amp straight blade plug for 110V wall outlets with ground, standard 5-20 20 amp straight blade plug for 110V wall outlets with ground, standard 6-15 15 amp straight blade plug for 220-240V wall outlets with ground, standard 6-20 20 amp straight blade plug for 220-240V wall outlets with ground, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, NEMA L5-20 20 amp twist lock plug for 125V twist lock outlets, NEMA L6-15 15 amp twist lock plug for 240V twist lock outlets, NEMA L6-20 20 amp twist lock plug for 240V twist lock outlets, British BS1363 13 amp fused 3-blade plug for United Kingdom outlets, or a two pin 16 amp rated Schuko plug with ground contact and socket for European outlets up to 250V. This fixture is also available with 7-15, 7-20, 7-30 and L7-15, L7-20, L7-30 277V cord caps. Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.

Mounting: This HPS light fixture is outfitted with an adjustable, U-bracket trunnion mount that allows for easy mounting to flat surfaces.

Suggested Applications: Boat flood light, ocean side flood light or other wet area applications where foggy conditions are likely

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: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: MRL-1000HPS-EB

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: MRL-1000HPS-EB

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: MRL-1000HPS-EB

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: MRL-1000HPS-EB

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

MRL-1000HPS-EB

Product ID: 46759

Export Control Classification Number (ECCN): EAR99

Options:

MRL-1000HPS-EB-Cord Cap
Example: MRL-1000HPS-EB-5.15

Cord Cap	
5-15 STRAIGHT	-5.15
6-15 STRAIGHT	-6.15
7-15 STRAIGHT	-7.15
5-20 STRAIGHT	-5.20
6-20 STRAIGHT	-6.20
7-20 STRAIGHT	-7.20
5-30 STRAIGHT	-5.30
6-30 STRAIGHT	-6.30
7-30 STRAIGHT	-7.30
L5-15 TWIST	-L5.15
L6-15 TWIST	-L6.15
L7-15 TWIST	-L7.15
L5-20 TWIST	-L5.20
L6-20 TWIST	-L6.20
L7-20 TWIST	-L7.20
L5-30 TWIST	-L5.30
L6-30 TWIST	-L6.30
L7-30 TWIST	-L7.30
UK BS1363	-BS1363
INTL SCHUKO	-SCHUKO
PIGTAIL	-PIGTAIL

Links (Click on the below items to view):

- **Dimensional Drawing 2D**(https://www.larsonelectronics.com/images/product/DimensionalDrawing/46759.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/46759.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/46759.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/46759.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/46759.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/46759.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/46759.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/46759.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/46759.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/46759.JPG)
- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/46759.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)