Larson Electronics LLC
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EPL-AE.EX-MJ-HPS-100W-230V-R1-TRN

100W Explosion Proof HPS Lamp - 230V 50/60Hz Ballast - Trunnion Mount - ATEX/IECEx - Lamp Not Included

Product ID: 272665

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.

EPL-AE.EX-MJ-HPS-100W-230V-R1-TRN ATEX Rated HPS Lamp

Listing: NRTL Certified for Europe and International
Lamp Technology: High Pressure Sodium (Lamp Not Included)
Dimensions: -
Weight: 21.53 lbs
Voltage: 230V AC, 50/60 Hz
Total Watts: 100W
Lumens: 12500
Beam Angle: 360°
Lamp Base: E27
Amps: 0.55A @ 230V
Ambient Operating Temp Range: -40 to+40/+55
Housing Material: Die-cast Aluminum Alloy w/ Epoxy Resin Powder Finish
Lens Material: Borosilicate Toughened Glass
Mounting: Trunnion Mount
Terminal: L1, N
Hubs: (1) M25 x 1.5 w/ Molded Plastic Cable Gland, (1) M25 w/ Stopping Plug

Ratings/Approvals

Approved for Zone 1 and Zone 2
Approved for Zone 21 and Zone 22
Ex tb C T195 Db
Ex 2 GD Ex de C T* Gb
Temp Rating -40Ta40/55
NRTL Certified to IEC 60079
NRTL Certified to EN 60079
CE Certified
IP66 Weatherproof

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The EPL-AE.EX-MJ-HPS-100W-230V-R1-TRN Explosion Proof High Pressure Sodium Fixture from Larson Electronics is a powerful lamp for ATEX-rated environments. This 100-watt fixture is compatible with 230V AC, 50/60Hz and

offers 360 degrees of illumination. Constructed of die-cast aluminum alloy with an epoxy resin powder finish, the explosion proof light is compatible with trunnion mounting applications. The lamp is not included with the fixture.

The EPL-AE.EX-MJ-HPS-100W-230V-R1-TRN is an ATEX-rated high-pressure sodium fixture for explosive work sites. Equipped with a corrosion-resistant housing, this unit operates on 230V AC, 50/60 Hz. The 100-watt light features a 360-degree beam angle that is highly visible during use. This explosion proof luminary is constructed of die-cast aluminum alloy with an epoxy resin powder finish. Equipped with a borosilicate toughened glass lens, the unit features an E27 lamp holder and is ATEX rated for Zones 1, 2, 21 and 22.

Wiring: Cable entries are facilitated by one M25 x 1.5 hub (molded plastic cable gland and stopping plug). Terminal connections include: L1, N. A side-mounted junction box is available for seamless field installations.

Mounting: This HPS fixture is suitable for trunnion mount applications. After installation, operators can adjust the light head for proper light placement over the target area.

Suggested Applications: Hazardous locations, explosive work sites, confined spaces, chemical processing, food manufacturing and more.

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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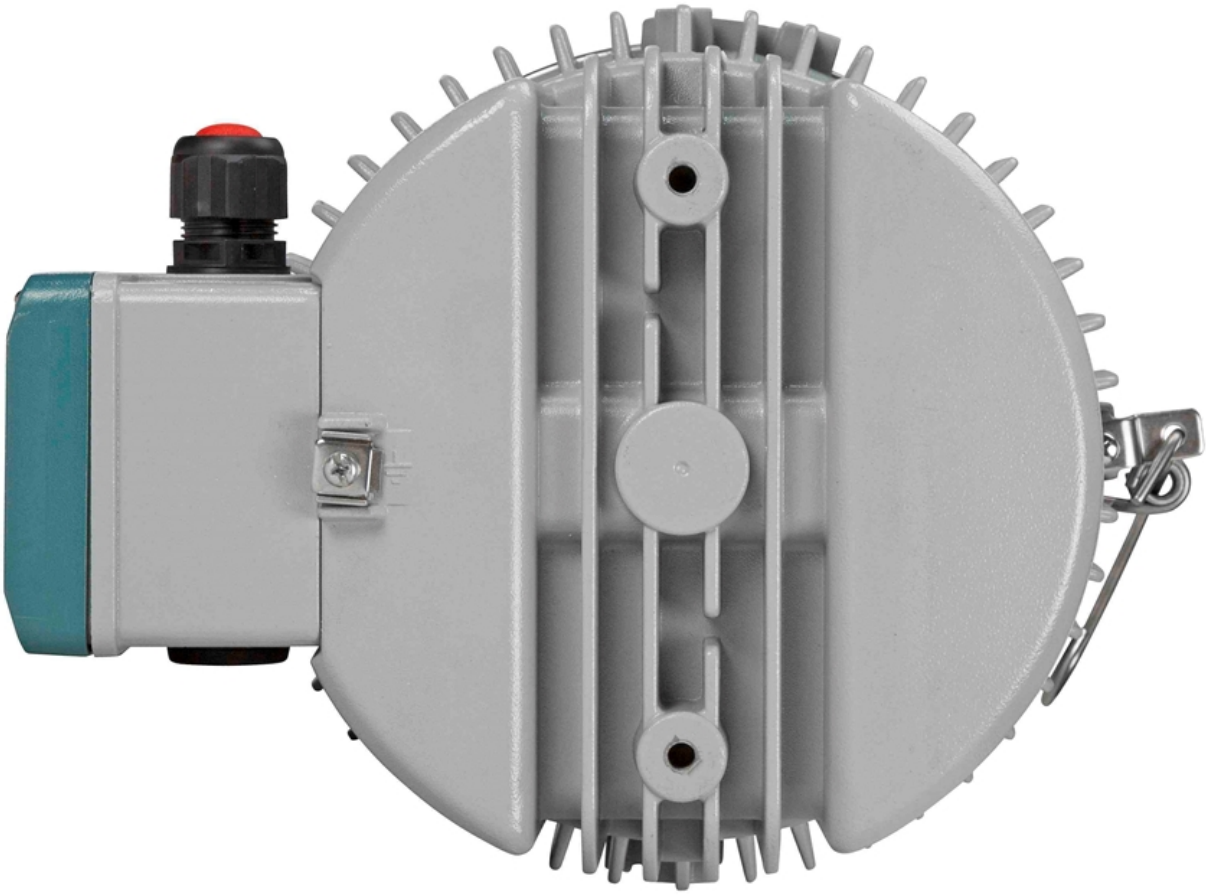

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Product ID: 272665

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- CE Certificate
- Certificate 1, Misc
- IEC Ex Certificate (International Explosion Proof)
- RoHS Certificate (Restriction of Hazardous Substances)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map