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

EPL-HBNM-100W

100W Explosion Proof Incandescent Light - C1D1/C2D1 - 1500 lms - 3/4" NPT Hub

Product ID: 243869

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-HBNM-100W Explosion Proof Light
Listing: NRTL Listed for United States and Canada
Lamp Technology: Incandescent

Dimensions: Ceiling- 8.86" Dia x 13.63 " H Pendant- 8.86" Dia x 13.75" H Wall- 13" L x 15.63" H
Weight: -
Voltage: 120V AC, 240V AC or 12/24V DC
Total Watts: 100W

Total Lumens: Approximately 1,500 lms

Luminous Efficiency: -

Lamp Life Expectancy: 1,000+ Hours

Color Temperature: -

CRI: -

Lamp Type: -

Lamp Base: -

Replacement Lamp: -

Beam Type: Flood Pattern

Lighting Configuration: Steady Burn

Efficiency: -

Power Factor: -
Dimmable: No
Amp Draw: 0.83A @ 120V, 0.41A @ 240V

Ratings
Class I, Division 1 & 2, Groups A, B, C, D
Class I, Zones 1 & 2, Groups IIC, IIB, IIA

Class II, Divisions 1 & 2 Groups E, F, G

T2D Temperature Rating
IP66 Rated Weatherproof

Ambient Operating Temp Range: -40° C to +85°C
Operating Temp Rating: T2D
Lamp Housing Material: Copper Free Cast Aluminum
Finish: Baked Epoxy Enamel
Lens Material: Polycarbonate
Mounting: Ceiling, Wall or Pendant
Finish: Baked Epoxy Enamel
Wiring Hub: 3/4" NPT

Special Orders - Special Requirements
Contact us for special requirements

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

The EPL-HBNM-100W Explosion Proof Light from Larson Electronics is a compact and durable light source for Class I and II, Divisions 1 & 2 rated environments. This 100-watt incandescent unit provides wide light distribution and is protected by a copper-free aluminum housing and a polycarbonate lens.

The EPL-HBNM-100W factory sealed explosion proof light is listed for use in wet locations and hazardous work areas with vapors, dusts or flyings. This 100-watt incandescent unit is offered in 120V AC, 240V AC or 12/24V DC. During use, the light provides an estimated 1,500 lumens of output. A flood beam pattern ensures comprehensive illumination over work sites and busy sections of the facility.

A specially formulated two-coat baked epoxy enamel protects the copper free aluminum housing. The high temperature, glass-reinforced phenolic socket in the fixture has a collector ring and pin that automatically make electrical contact as the fixture is threaded on to the mount. The globes are made from heat and impact resistant glass and the prismatic configuration is on the interior of the globe, so the exterior is smooth for cleaning. A metal flame arrestor makes this fixture suitable for Class I, Groups A and B rated locations.

Pendant Mount **Wall Mount**

Hubs: Operators may access a 3/4" NPT hub for completing wiring connections.
Mount: The EPL-HBNM-100W is compatible with ceiling wall or pendant mounting requirements.
Suggested Applications: Chemical plants and other areas where ignitable vapors, dust, moisture and corrosive atmospheres are present, warning lights, indicator lights 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.

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







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

EPL-HBNM-100W

Product ID: 243869

Export Control Classification Number (ECCN): EAR99

Options:

EPL-HBNM-100W-Mount-Voltage

Example: EPL-HBNM-100W-PND-120V

Mount	
PENDANT	-PND
CEILING	-CLG
WALL	-WLM

Voltage	
120V AC	-120V
240V AC	-240V
12/24V DC	1224VDC

Links (Click on the below items to view):

- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map