

Catalog Number	
Notes	Type

## HRLL Series

### Hazardous Area Lighting Fixtures



#### Description

- Versatile, heavy-duty explosion-proof LED fixture designed for hazardous environments where flammable gases or vapors, flammable liquids, combustible dust and/or ignitable fibers may exist.
- Suitable for wet locations and marine environments with saltwater spray.

#### Optics

- Heat resistant, internally prismatic glass globe for optimal photometric performance.
- Electro-Polished stainless steel wire guard.

#### Electrical

- Wireless electromechanical connector block for quick, safe fixture removal and bench-top maintenance.
- Acme double lead threads are provided for quick & easy trouble-free maintenance.
- Standard color temperature – 5000 K CCT.
- 10 kV/10kA surge protection is standard.

#### Mechanical

- Driver housing, outlet boxes and lens retaining rings are high strength corrosion resistant copper free (less than 0.4%) aluminum.
- External fins, internal fins and strategic location of driver and other components provide efficient heat dissipation for

cooler operation and longer driver life.

- Exterior finish is baked-on powder epoxy for added corrosion protection.
- Available in five mounting styles: pendant, ceiling, 90° wall bracket, 25° stanchion mount and trunnion.
- Factory sealed – external seals not necessary

#### Listings

- UL844 (see matrix on page 4):  
Class 1, Division 1, Group C & D  
Class 2, Division 1, Groups E, F & G  
Class 3  
Class 1, Zone 1, Groups IIA & IIB
- Paint Spray Booth (to 40° C)
- NEMA 4X, IP66
- UL 1598A Marine Outside
- UL 1598 - Wet Location

#### Warranty

5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_Conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_Conditions.aspx).

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

#### Typical Applications

- Paint Spray Booth
- Coal & Dust Storage
- Petroleum Refineries
- Ethanol Facilities
- Chemical Plants
- Waste Water & Water Treatment Plants
- Power Generation Plants

#### Dimensions: Inches (millimeters) unless otherwise noted.

See individual fixture dimensions and weight specifications on page 2.

## ORDERING INFORMATION

**Example:** HRLL 8L AS GG PD

Series	Lumens	Voltage	Globe & Guard	Mounting	Options
HRLL	8L 8000 nominal lumens	AS 120-277V 50/60 Hz	GG Globe and guard	PD 3/4" pendant	F1 Single fuse block <sup>4,5</sup>
		12 120V <sup>1</sup>	G Globe only	PD1 1" pendant	F2 Double fuse block <sup>4,5</sup>
		20 208V <sup>1</sup>		CE 3/4" ceiling	EBO Eye bolt only
		24 240V <sup>1</sup>		CE1 1" ceiling	
		27 277V <sup>1</sup>		WL 3/4" wall	
				WL1 1" wall	
				ST 1 1/4" stanchion <sup>2</sup>	
				ST1 1 1/2" stanchion <sup>2</sup>	
				TR Trunnion <sup>2,3</sup>	

#### Accessories: Order as separate catalog number.

HRLLDR	Dome reflector
HRLLAR	30° angle reflector
HRLLHB	High bay alum reflector
HRLLWG	Wire guard

#### Replacement Parts List

HRLLPD	3/4" Pendant outlet box
HRLLPD1	1" Pendant outlet box
HRLLCE	3/4" Ceiling outlet box
HRLLCE1	1" Ceiling outlet box
HRLLWL	3/4" Wall outlet box
HRLLWL1	1" Wall outlet box
HRLLST	3/4" Stanchion outlet box
HRLLST1	1" Stanchion outlet box
HRLLGL	Prismatic glass globe

#### Notes

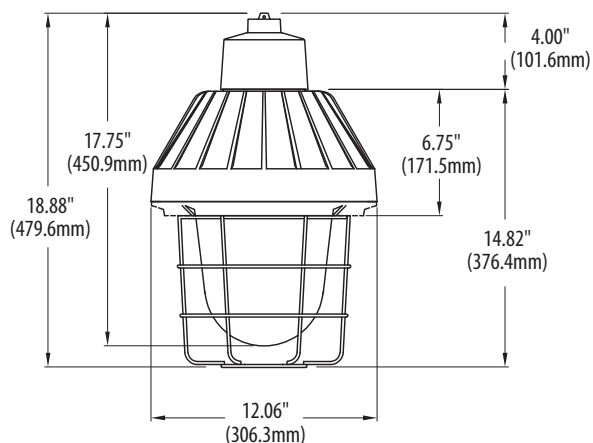
- Specify for other options.
- Not paint spray booth approved.
- Not listed for Class 2, Div 1.
- Not available with universal driver, unless incoming voltage is specified. When installed, one fuse block is provided for 120 and 277V and two fuse blocks are provided for 208 and 240V. Fuse not included.
- Fuse option not available for marine listed fixture.

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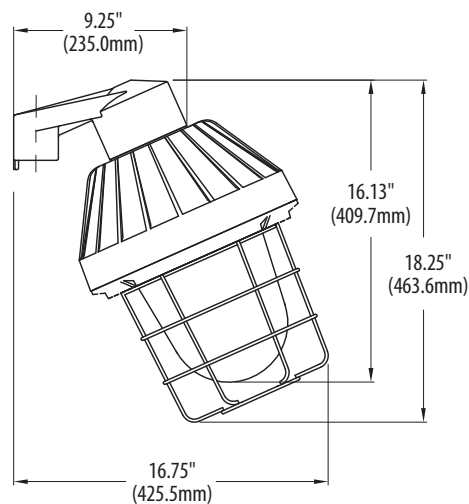
Hazardous Area Lighting Fixtures



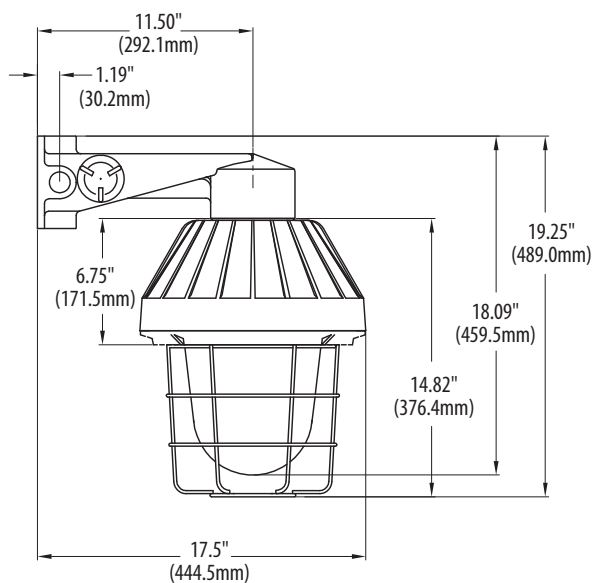
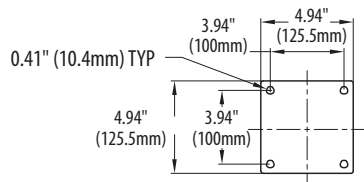
### DIMENSIONAL DATA



**Pendant Mount**  
(41.6 lbs)



**Stanchion Mount**  
(42.7 lbs)



**Wall Mount**  
(45.7 lbs)