

Applications:

Hazard•Gard Luminaires with Trunnion Arm (S812 suffix) and EV912 High Bay Reflector are used in:

- Heavy process industries where flammable or explosive vapors or gases are present
- Hazardous areas, both indoors and outdoors where long life and low maintenance costs are desired
- Petroleum refineries, chemical, petrochemical, and other heavy process industry facilities
- Hazardous locations requiring elevated ambient capability
- For mounting to a wall or structure
- Mounted on a pole, when used with the SFA6 slipfitter adapter

Features:

- Luminaire is factory wired; power is fed through "wireless" connection block which serves as a mechanical seal between conduit and ballast compartments, eliminating the need for an external, field-installed seal; the result is fast, easy installation
- High bay reflectors of Alzak® aluminum
- Internally fluted glass globes reduce glare and provide comfortable viewing light
- Wide range of light sources and wattages to meet specific lighting needs – 50, 70, 100, 150, 200, 250 and 400W high pressure sodium (HPS); 70, 100, 175, 250 and 400W metal halide (MH)
- High power factor (90%+) ballasts reduce power costs – allow more luminaires per circuit
- Elevated ambient capability permits reliable operation at high ambient temperature; selected luminaires are suitable for ambient temperatures up to 65°C
- Integral ballasts – separate ballasts are not required; lowest installed cost
- Factory-sealed, porcelain, mogul base socket
- The trunnion arm gives you the ability to offer a Hazard•Gard floodlight with varying degrees of adjustability between -90° and +90°
- When mounting on a wall, there are numerous mounting arrangements – due to the pre-drilled openings in the wall bracket

Certifications and Complies:

- NEC/CEC:
Class I, Division 1 and 2, Groups B (with GB suffix), C, D
- UL Standard: 844, 595
- CSA Standard: C22.2 No. 137

Standard Materials:

- Mounting module, cover, ballast housing, guard, globe ring – copper-free aluminum
- Globe – heat- and impact-resistant glass
- Exterior hardware – stainless steel
- Lamp socket – porcelain with stainless steel screw shell
- Reflector – high bay: Alzak aluminum

Standard Finishes:

- Copper-free aluminum – epoxy powder coat
- Alzak – natural (anodized)

Options:

Description	Suffix
Fused.....	S658
Not suitable for marine applications	
Ballast-Gard™.....	BG
50-400 HPS only	
Instant Restrike.....	IR
Cannot be used with BG or QTZ options	
50-150W LX HPS only	
Quartz Auxiliary Lighting.....	QTZ
Not available with 400W MH	
Uses 100 watt single-ended lamp	
Lamp not included	
Group B Suitability.....	GB

Size Ranges:

- ¾"

Electrical Rating Ranges:

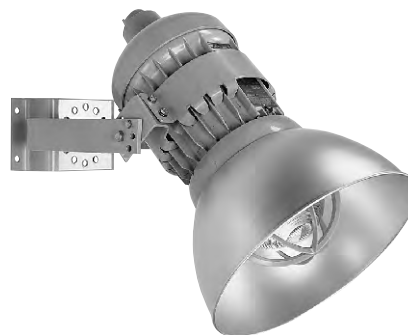
- 120, 208, 240, 277, 347, 480, 600, multi-tap*
- 50 to 400 watts

Ordering Information

Catalog number includes guard, trunnion arm, and high bay reflector

Luminaire Cat. #	Watts	Hub Size (In.)
High Pressure Sodium		
EVMA42051/volts S812 EV3912	50	¾
EVMA42071/volts S812 EV3912	70	¾
EVMA42101/volts S812 EV3912	100	¾
EVMA42151/volts S812 EV3912	150	¾
EVMA42201/volts S812 EV3912		¾
EVMA42251/volts S812 EV3912		¾
EVMA42401/volts S812 EV3912		¾
Metal Halide		
EVMA92071/volts S812 EV3912	70	¾
EVMA92101/volts S812 EV3912	100	¾
EVMA92171/volts S812 EV3912	175	¾
EVMA92251/volts S812 EV3912	250	¾
EVMA92401/volts S812 EV3912	400	¾

Note: Replace "volts" with Suffix from Voltage Suffix Table below



Temperature Performance Data:

Hazard•Gard Luminaire with Trunnion Arm (S812 suffix)

		Maximum Ambient Class I	
Watts		40°C	55°C
High Pressure Sodium			
50	T4	T4	T3C
70	T4	T4	T3C
100	T4	T4	T3C
150	T4	T4	T3C
200	T3A	—	—
250	T3A	—	—
400	T3A	—	—
Metal Halide			
70	T3	T3	—
100	T3	T3	—
175	T3	T3	—
250	T3	T3	—
400	T2D	—	—

Note: See Section 4L for additional luminaire information.

Required Accessories:



EABC

Cat. #	Hub Size (In.)
EABC26	¾



UNL 90° Angle

Cat. #	Size
UNL205	¾ to ¾



ECGJH

Cat. #	Flexible Length	Size
ECGJH230	30	¾

*CSA certified luminaires are not available with multi-tap ballast or S658 fuse option.
Alzak is a registered trademark of ALCOA.