

## Applications:

EV incandescent luminaires are used:

- To provide incandescent lighting in locations made hazardous due to the presence of hydrogen, gases or vapors of an equivalent hazard, such as manufactured gas
- In hydrogen areas of process industries, missile bases where hydrogen fuel is used and gas manufacturing plants
- In areas of lesser hazard than indicated above
- EVA292 pendant mount luminaire is also suitable for use in locations made hazardous due to the presence of acetylene



Pendant mount  
with RD725 dome reflector

Pendant mount  
with RA725 30° angle  
reflector

Pendant mount  
without reflector

## Features:

- Flametight threaded joints – no external seal needed
- Easy to assemble and relamp
- Shock-absorbing receptacle
- Gasket seals out dirt and liquids
- Positive locking of globe holder
- Heat- and impact-resistant globe
- Inner reflector eliminates upward spill light
- Lightweight
- Corrosion-resistant
- Dome and 30° angle reflectors available

## Certifications and compliances:

### NEC/CEC:

- Class I, Divisions 1 & 2, Groups A, B, C, D – pendant mount
- Class I, Divisions 1 & 2, Groups B, C, D – ceiling and bracket mount
- UL standard: 844
- CSA standard: C22.2 No. 137

## Standard materials:

- Globes – heat- and impact-resistant glass
- Luminaire and bracket arm – copper-free aluminum
- Reflectors – Krydon fiberglass-reinforced polyester
- Back box – Feraloy® iron alloy

## Standard finishes:

- Aluminum – epoxy powder coat
- Krydon – high reflectance white
- Feraloy – electrogalvanized and aluminum acrylic paint

## Capacity ranges:

- 300 watt, PS-30 medium base lamps

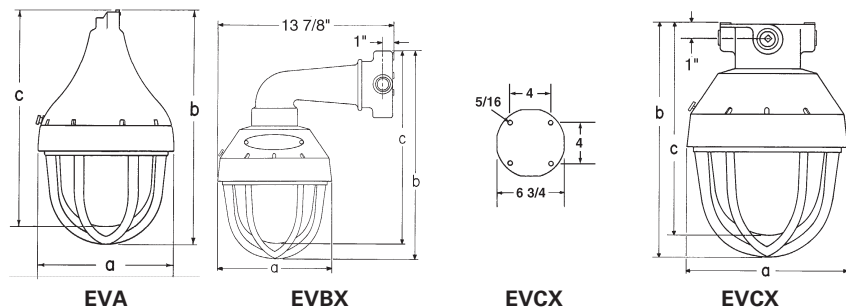
## Photometrics:

- Complete photometrics can be found at [www.crouse-hinds.com/photometrics](http://www.crouse-hinds.com/photometrics)

## Ordering information:

Mounting style	Max. lamp size	Hub size	Cat. # Without reflector	Cat. # Dome reflector	Cat. # Angle reflector
Pendant	300W, PS-30 (medium base)	With guard 3/4"	EVA292	RD725	RA725
Ceiling	300W, PS-30 (medium base)	With guard 3/4"	EVCX292	RD725	RA725
Bracket	300W, PS-30 (medium base)	With guard 3/4"	EVBX292	N/A	N/A

## Dimensions (in inches):



	EVA	EVBX	EVCX	Reflector type	Diameter
a	8 <sup>7</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>8</sub>		
b	16 <sup>3</sup> / <sub>8</sub>	18 <sup>7</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>8</sub>	Dome	16"
c	14 <sup>7</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	12 <sup>7</sup> / <sub>8</sub>	30° angle	16"

## Temperature performance data:

Mounting style	Class I UL	Ambient temp. °C	Supply wire °C
Pendant	T3A	40	150
Ceiling	T3A	40	150
Bracket	T3A	40	150

**Note:** Photometric curves and data are the same as shown for EV Groups C, D.