JARREX
Explosion Proof Jelly Jar Light

CI D1 · **CI D2** · **CII D1** · **CII D2** · **CIII** · HARSH LOCATION SUITABLE · IP66 · IK10 · 5 YEAR WARRANTY

JELLY JAR LIGHT **CLASS I DIVISION 1**

Product Description:

The Jarrex Explosion Proof Jelly Jar Light is designed for a lumen output range of 2800 - 5600 lm. With their six mounting options, low maintenance and high efficiency, they provide operators with a valuable alternative to traditional hazardous location luminaries. Their special heat dissipating design, anti-vibration technology and Meanwell Driver & SMT LED chipset ensure a high lifespan with maximum lumen retention.

Classifications / Ratings

- Class I, Division 1, Groups C, D
- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F
- Class III

Environmental

- Ambient Operating Temperature -40 °F ~ +200°F
- Temperature Rating **C1D1 T3**
- Ingress Protection Rating of **IP66**
- Impact Protection of **IK10**
- Average Life of 50,000 Hours.

Construction

|	
Housing	Aluminum
Cover Material / Lens	Toughened Glass
Base / Power Supply	Direct Wire
Finish	Gray

Application Areas

- Oil and gas industry
- Chemical industry
- Marine and aerospace field
- Metal treatment
- Food and alcohol industry

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

Dimension Diagram

16.10

6.80
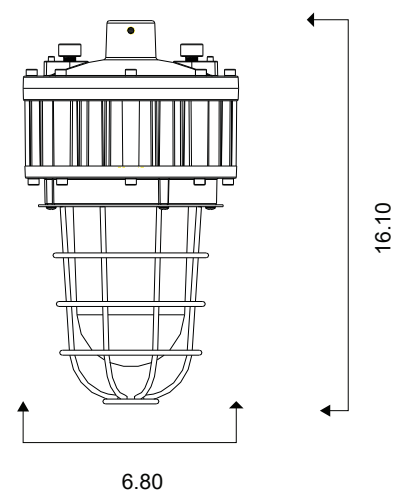
Product Specifications:

Item	Specification	Details		
Model Version		**G1L140**		
Electrical	Power	20W	30W	40W
	Voltage	100-277 V AC 50/60 Hz		
	Current	0.08A	0.12A	0.16A
	Power Factor	>0.9		
	Surge Protection	10 kV		
Lighting Performance	Lumens	2800 lm	4200 lm	5600 lm
	Efficacy	140 lm/W		
	Color Temperature (CCT)	4000 K, 5000 K		
	Color Rendering (CRI)	70		
	Beam Angle	120° *(40°, 60°, 90°, can be made as per request)*		

Ordering Information : *Typical order example: IK-EX-G1L140-20W-40K-CID1 -FM*

IK	EXHB	G1L140	-	-	CID1	-
BRAND	FAMILY	MODEL	POWER	CCT	CLASSIFICATION	MOUNTING OPTIONS

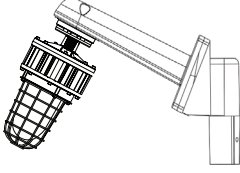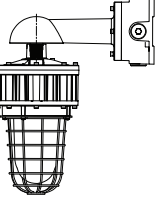| BRAND	FAMILY	MODEL	POWER	CCT	CLASSIFICATION	MOUNTING OPTIONS	
IK *IKIO*	**EXHB** *Explosion Proof High Bays*	**G1L140** *Jarrex Explosion Proof Jelly Jar Light*	☐ **20W** ☐ **30W** ☐ **40W**	☐ **40K** for 4000K ☐ **50K** for 5000K	**CID1** *CID1 Explosion Proof Rated*	☐ **CM** *Ceiling Mount (Default)* ☐ **PM** *Pole Mount- Straight* ☐ **BPM** *Pole Mount- Bent* ☐ **HM** *Hanging Mount* ☐ **SMW** *Stanchion Wall Mount*	☐ **SPM90D** *Stanchion Pole Mount- 90D Support* ☐ **SPM25D** *Stanchion Pole Mount- 25D Support* ☐ **WMJB90D** *Wall Mount With Junction Box- 90D* ☐ **WMJB25D** *Wall Mount With Junction Box- 25D*
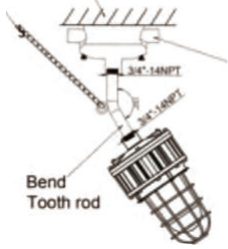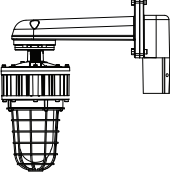
*Default Mounting Bracket Is Ceiling Mount.
Refer **Accessories Table Before Selecting Your Desired Mounting Options.*

Accessories Table:

Mounting Option	Model Ordering Code	Accessories Description	Accessories Image	Product Image
Ceiling Mount	**CM**	Ceiling Mount Bracket **IK-EX-CM**		
		Metal Conduit **IK-EX-MC**		
Pole Mount- Straight	**PM**	Junction Box **IK-EX-JB**		
		Straight Pipe **IK-EX-SP**		
		Pendant Adaptor **IK-EX-ADAPTOR** *Order Separately, Not included with "PM" ordering code*		

Accessories Table:

Mounting Option	Model Ordering Code	Accessories Description	Accessories Image	Product Image
Pole Mount- Bent	BPM	Junction Box **IK-EX-JB**		
		Bent Pipe **IK-EX-BPP**		
		Chain **IK-EX-CHAIN**		
Stanchion Pole Mount 90D support	SPM90D	Stanchion Mount Arm **IK-EX-SM**		
		90D Support **IK-EX-90DS**		
Stanchion Pole Mount 25D support	SPM25D	Stanchion Mount Arm **IK-EX-SM**		
		25D Support **IK-EX-25DS**		
Wall Mount With Junction Box- 90D	WMJB90D	Wall Mount- 90D **IK-EX-WMJB90D**		
Wall Mount With Junction Box- 25D	WMJB25D	Wall Mount- 25D **IK-EX-WMJB25D**		