PREMISE

JJ1-SERIES
VAPOR PROOF LED JELLY JAR

cULus LISTED | **IP65** | **WET LOCATION** | **10YEAR WARRANTY**

OVERVIEW

The JJ1-Series Vapor Proof LED Jelly Jar is designed for industrial applications including wet locations. A die-cast aluminum caged housing shields its heat-resistance glass from impact while its vapor tight design keeps out moisture, dust and humidity.

PRODUCT HIGHLIGHTS

- Heat resistant frosted glass lens
- ADC12 Die-cast aluminum housing
- Vapor tight for industrial applications
- Designed to work in -40°F / -40°C weather
- Includes wall mount attachment. Optional mounting available (Pendant or Ceiling Mount Kit)
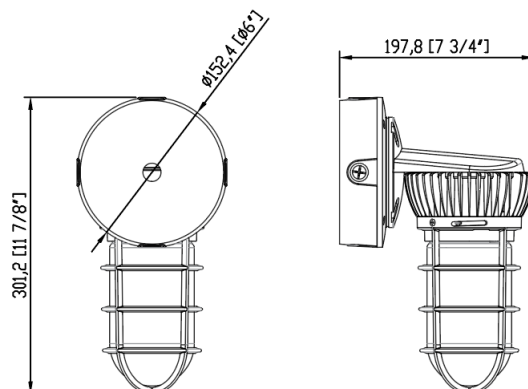
OPTICAL SPECIFICATIONS

Lumen Output (lm) [1]	840 lm	**Beam Angle (°)**	360
CCT (K) [1]	4000K	**Projected Lifetime (L_{70})**	>50,000 hrs
CRI (Ra) [1]	>80	**Lumen Maintenance Factor**	70%
Efficacy (lm/W) [1]	>84 lm/W	**Chromaticity Shift**	±100K

ELECTRICAL SPECIFICATIONS

Power	10W	**Current Draw at $120V_{AC}$ (A)**	0.10A
Apparent Power (VA)	11W	**Current Draw at $208V_{AC}$ (A)**	0.6A
System Wattage (W)	10W	**Current Draw at $240V_{AC}$ (A)**	0.5A
Input Voltage	100-277VAC [2]	**Current Draw at $277V_{AC}$ (A)**	0.4A

PRODUCT DIMENSIONS

Ø152,4 [06"]
301,2 [11 7/8"]
197,8 [7 3/4"]

LED & DRIVER SPECIFICATIONS

LED Design Origin	USA	**Power Factor**	0.98
LED Brand	Luminus Devices	**THD**	<20%
LED Type	COB	**Inrush Current (A)**	Cold Start at 20A at 230VAC
Dimmable	No	**Driver Class**	Class B
Output Voltage (VDC)	8-12VDC	**Surge Protection**	4kV (Line to Earth)

CONSTRUCTION

Housing Material	ADC12 Die Cast Aluminum Alloy
Housing Color	Silver
Lens Material	Frosted Tempered Glass
Dimensions (inch/mm)	11-7/8" x 6" x 7-3/4" (301 x 152 x 198 mm)
Weight (kg/lbs)	2.4kg / 5.3lbs
Installation Method	Wall Mount (included) Ceiling Mount (optional) Pendant Mount (optional)
Operation Range (°C/°F)	-40°C to +40°C -40°F to +104°F
Warranty [3]	10 Years

APPROVALS & LISTINGS

UL/ETL Listed	cULus
UL/ETL File Number	E473127
IP Rating	IP65
Wet Location Rated	Yes

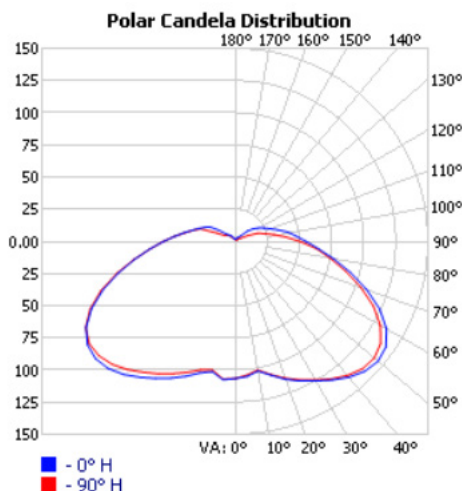| Rated Lifetime[1]	
Models	**Lumen Output = 70% of Initial (L_{70})[2]**
JJ1-104-1 JJ1-204-1	>50,000 hrs

1. Rated Lifetime projected the time need for the fixture to drop its lumen output to 70% of its initial value, which was measured based on IESNA LM-79-80 luminaire test report.
2. Calculations based on TM-21 Projection and IESNA LM-80-08 LED test report, estimated rated lifetime (hours) at TA=25 deg C (ambient temperature).
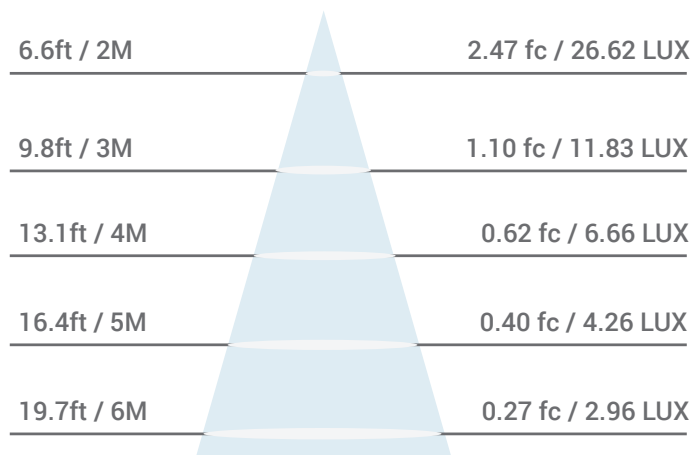
OPTIONAL ACCESSORIES

JJ1-PMK	Pendant mount kit for Vapor Proof Jelly Jar	**JJ1-CMK**	Ceiling mount kit for Vapor Proof Jelly Jar

POLAR CANDELA DISTRIBUTION

Polar Candela Distribution

- 0° H
- 90° H

ILLUMINANCE AT A DISTANCE

6.6ft / 2M	2.47 fc / 26.62 LUX
9.8ft / 3M	1.10 fc / 11.83 LUX
13.1ft / 4M	0.62 fc / 6.66 LUX
16.4ft / 5M	0.40 fc / 4.26 LUX
19.7ft / 6M	0.27 fc / 2.96 LUX