

VTJ

LED Jelly Jar

Product Description

The NICOR LED Jelly Jar fixture blends classic vapor-tight design with modern LED efficiency and versatility. Constructed with robust die-cast aluminum housing and a sturdy glass lens, it's built for tough environments while maintaining a sleek, industrial look. Perfect for garages, porches, workshops, and utility spaces, it provides reliable lighting for both wall and ceiling mounts. With field-selectable color temperatures (3000K, 4000K, or 5000K), it offers adaptable installation to suit any environment. Wet-location rated and designed for durability, it's an ideal solution for energy-efficient, long-lasting illumination.

Construction

- Die-cast aluminum housing and cage
- Polyester powder coat finish

Optical System

- Frosted glass Lens
- Selectable CCTs of 3000K, 4000K and 5000K with >80 CRI

Electrical

- Single wattage output of 21W
- Input voltage of 120-277VAC
- Full-range dimming from 0 - 10VDC
- Surge protection of L/N-PE 6KV; L-N 4KV
- Operating temperature rating of -40°F to 113°F (-40°C to 45°C)

Mounting and installation

- Easy surface mount installation on ceilings or walls
- Base hinges 180° (-90° to +90°) for mounting at any angle.
- Total 5 1/2" knockouts provided on base (1 on each side, 1 on bottom)
- External switches allow for easy CCT selection
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the fixture or electrical distribution panel

Listings

- cULus1598 Listed for wet locations
- cULus 8750 Listed LEDs
- DLC 5.1 Standard listing
- IP65 environmental rating
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
- TM-21 Reported L70(9k) life >54,000 hours
- LM-79, LM-80 testing performed in accordance with IESNA standards

Warranty

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

Project

Catalog

Type

Date



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CCT Selectable



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Ordering

Ordering Information

Example: VTJ121US8GR

Series	Version	Wattage	Voltage	CCT	CRI	Finish
VTJ	1	21	U (120-277V)	S (3000/4000/5000K)	8 (>80 CRI)	GR (Gray)

Specifications and dimensions subject to change without notice.

Performance Data

Performance Data				
Model Number	Nominal CCT	Light Output (Lm)	Power Draw (W)	Efficacy (Lm/W)
	3000K	2471	21.2	116.5
VTJ121US8GR	4000K	2585	20.6	125.7
	5000K	2582	21.2	121.6

Recommended Dimmers*

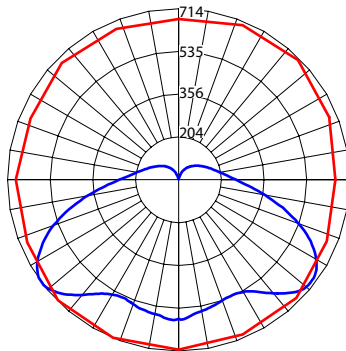
Lutron NTSTV-DV-WH
 Lutron DVSTV
 Cooper SF10P
 Legrand RH4FBL3PW

*Not a complete list. Check compatibility before installation.

Photometric Data

VTJ1 4000K

Input Voltage (VAC)	120-277
System Level Power (W)	20.6
Delivered Lumens (Lm)	2585
System Efficacy (Lm/W)	125.7
Correlated Color Temp (K)	3799
Color Rendering Index (CRI)	84
Beam Angle (0)	160.2
Beam Angle (90)	155.2
Spacing Criteria (0)	1.46
Spacing Criteria (90)	1.54



Intensity Summary (Candela Power)

Angle	Mean CP
0	373
10	369
20	344
30	328
40	354
50	419
60	436
70	388
80	294
90	196

CCT Data Multiplier

3000K	0.956
4000K	1.000
5000K	0.999

Cone of Light Tabulation

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
6	10.4	68.8
8	5.8	91.7
10	3.7	114.6
12	2.6	137.5

Zonal Lumen Summary

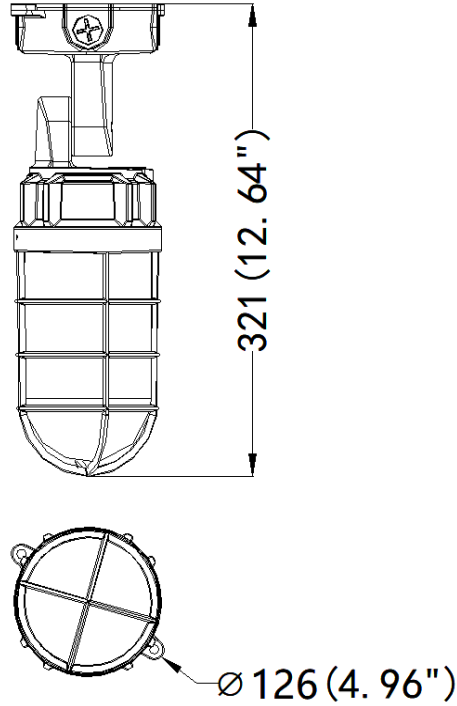
Zone	Lumens	% of Luminaire
0-30	291	11.3%
0-40	520	20.1%
0-60	1238	47.9%
0-90	2143	82.9%
90-180	442	17.1%
0-180	2585	100%

Fixture tested per LM-79-08. Photometric data is of the performance of a representative fixture. Results may vary in the field.

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Dimensions



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.