Vela

LED Canopy

Project

Catalog

Type

Date

Product Description

The Vela LED Canopy offers high performance in an economical and practical design. The Vela achieves even light distribution using a prismatic, frosted lens that is UV- and fire-resistant while its die-cast aluminum housing has convenient knockouts for easy J-Box, surface mount, or pendant installations. The Lyra is an efficient under outdoor canopy lighting solution for exterior ceilings or for parking garages, car ports, covered walkways, or other commercial spaces, and is equipped with an integrated heat sink and a Type V distribution precision lens.

Construction
- High-quality, die-cast aluminum housing with integrated heat sink
- Easy to use mounting brackets allows for quick installation to J-Boxes (standard)
- (4) ½" knockouts for conduit wiring or sensor additions
- UV- and fire-resistant lens
- Stainless steel hardware

Optical System
- High performance prismatic lens that is frosted for even distribution
- Utilizes advanced LED technology with CCT of 4000K and 5000K
- CRI 80+

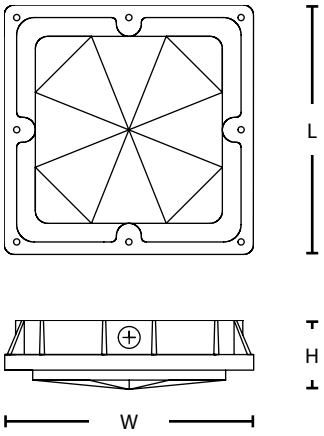
Electrical
- Thermally-protected, high-efficiency driver
- Operating temperature rating of -4° to 104°F (-20°C to 40°C)
- 10kA surge protection standard
- Input voltage of 120-277VAC
- Available in 45 and 80 watt
- Driver delivers full-range dimming from 0 - 10VDC

Finish
- Fine-textured, UV-stabilized powder coat finish
- Bronze or white finishes available

Mounting and installation
- Varied installation methods:
  - J-Box (hinged with mounting plate and an EVA stopper provided)
  - Ceiling/conduit (4 fasteners by others and an EVA stopper provided)
  - Pendant (3/4")
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Listings
- LM-79, LM-80 testing performed in accordance with IESNA standards
- UL and CUL Listed for wet locations
- Meets FCC Part 15, Subpart B, Class B standards for conducted and radiated emissions
- TM-21 Reported L70(9k) life >54,000 hours
- TM-21 Projected L70(9k) life =79,000 hours

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



	45 W	80 W
Fixture Length:	10 in (254 mm)	14 in (356 mm)
Fixture Width:	10 in (254 mm)	14 in (356 mm)
Fixture Height:	3.625 in (93 mm)	5 in (127 mm)

Photometric Data

OUC45 4000K

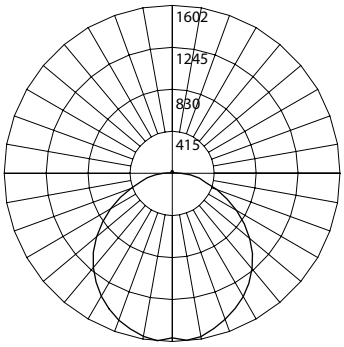
Input Voltage (VAC)	120-277
System Level Power (W)	44.6
120V Current (A)	0.38
277V Current (A)	0.17
Delivered Lumens (Lm)	4948
System Efficacy (Lm/W)	111.0
Correlated Color Temp (K)	4028
Color Rendering Index (CRI)	82
Beam Angle	71.8°
Spacing Criteria	1.06

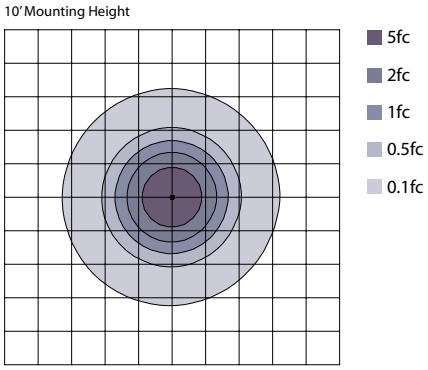
Intensity Summary (Candle Power)

Angle	Mean CP
0	1623
5	1470
15	327
25	14
35	24
45	198
55	112
65	62
75	29
85	6
90	0

CCT Data Multiplier

OUC1045MV50	1.000





Each square represents 100 square feet.

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	1282	25.9%
0-40	2102	42.5%
0-60	3711	75.0%
0-90	4813	97.3%
90-180	135	2.7%
0-180	4948	100.0%

OUC80 4000K

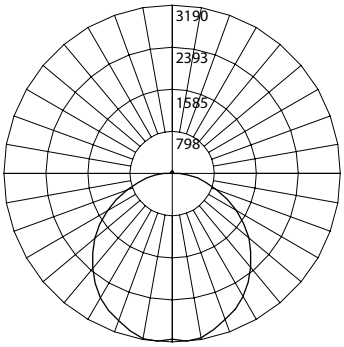
Input Voltage (VAC)	120-277
System Level Power (W)	79.5
120V Current (A)	0.67
277V Current (A)	0.29
Delivered Lumens (Lm)	9548
System Efficacy (Lm/W)	120.1
Correlated Color Temp (K)	4132
Color Rendering Index (CRI)	83
Beam Angle	69.7°
Spacing Criteria	1.04

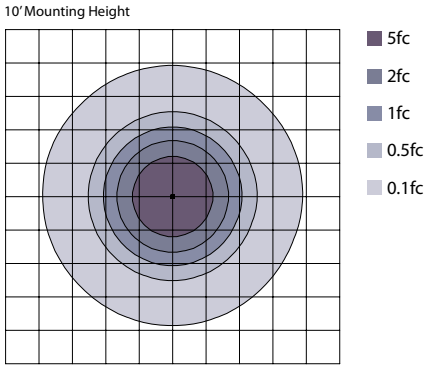
Intensity Summary (Candle Power)

Angle	Mean CP
0	3136
5	2821
15	663
25	30
35	48
45	266
55	157
65	93
75	47
85	10
75	0

CCT Data Multiplier

OUC1080MV50	1.000





Each square represents 100 square feet.

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	2451	25.7%
0-40	4009	42.0%
0-60	7114	74.5%
0-90	9304	97.4%
90-180	244	2.6%
0-180	9548	100.0%

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

Performance Data

Model Number	Lumens	Watts	Lumens/Watt	BUG Rating
OUC1045MV40	4948	44.6	111.0	B2-U3-G1
OUC1045MV50	4948	44.6	111.0	B2-U3-G1
OUC1080MV40	9548	79.5	120.1	B3-U3-G2
OUC1080MV50	9548	79.5	120.1	B3-U3-G2

Recommended 0-10VDC Dimmers*

Lutron NTSTV
Lutron DVSTV
Cooper SF10P
Legrand RH4FBL3PW

**Not a complete list. Check compatibility before installation.*

Ordering Information						*Example: OUC1080MV50BZ*
Series	**Version**	**Wattage**	**Voltage**	**CCTs**	**Finish**	**Photocell**
OUC	**1** (Version 1)	☐ **045** (45 W)	**MV** (120-277)	☐ **40** (4000 K)	☐ **BZ** (Bronze)	☐ **Blank** (None)
		☐ **080** (80 W)		☐ **50** (5000 K)	☐ **WH** (White)	☐ **P** (Photocell)
						☐ **M** (Motion Sensor)

Specifications and dimensions subject to change without notice.

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 B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.