

Dorado Round

4" Round LED Wall Mount Cylinder

Product Description

The Dorado Round 4" LED Wall Mount Cylinder delivers optimal performance up to 114 lumens per watt in an attractive, contemporary design. Ideal for porches, walls, columns, office spaces, restaurants, clubs, walkways and other residential or commercial applications where ambient illumination is desired, the Dorado Round uses tempered, clear prismatic glass to create uniform down or up/down light distribution free of hot spots or glare. The fixture features a detachable mounting plate for easy mounting to J-Boxes and has a knockout for through-wiring.

Construction

- Die-cast aluminum housing
- Detachable mounting plate
- Easy to use mounting bracket allows for quick mounting to J-Boxes
- ½" knockout for conduit wiring

Optical System

- Tempered, clear prismatic glass creates uniform distribution while maximizing lumen output
- Offered in single and up/down configurations
- Utilizes advanced LED technology with CCT of 3000K, 4000K, and 5000K
- CRI 80+

Electrical

- Thermally-protected, high-efficiency driver
- Operating temperature rating of -4° to 104°F (-20°C to 40°C)
- Input voltage of 120-277VAC
- Available in 22 and 35 watt

Finish

- Fine-textured, bronze or white UV-stabilized powder coat finish

Mounting and installation

- Easy installation on a recessed junction box
- Fixture mounts directly to J-Boxes with screws
- 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 A standards for conducted and radiated emissions
- TM-21 Reported L70(10k) life >60,000 hours
- TM-21 Projected L70(10k) life =106,000 hours

Warranty

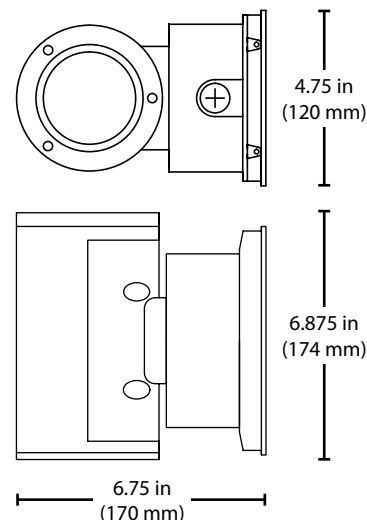
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge.)

Project

Catalog

Type

Date



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*Only available on OWCR4D

Photometric Data

OWCR4D 5000K

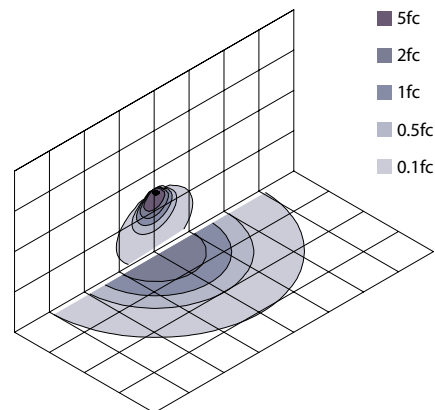
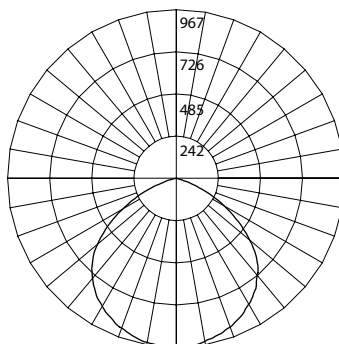
Input Voltage (VAC)	120-277
System Level Power (W)	21.4
120V Current (A)	0.18
277V Current (A)	0.08
Delivered Lumens (Lm)	2445
System Efficacy (Lm/W)	114.1
Correlated Color Temp (K)	5000
Power Factor	0.901
THD	13.49%
Color Rendering Index (CRI)	83
Beam Angle	107.6°
Spacing Criteria	1.31

Intensity Summary (Candle Power)

Angle	Mean CP
0	962
5	962
15	934
25	879
35	793
45	664
55	456
65	222
75	39
85	0
90	0

CCT Data Multiplier

OWCR4D1022MV30	0.923
OWCR4D1022MV40	0.962



Each square represents 100 square feet.

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	761	31.1%
0-40	1257	51.4%
0-60	2174	88.9%
0-90	2445	100.0%
90-180	0	0.0%
0-180	2445	100.0%

OWCR4U 5000K

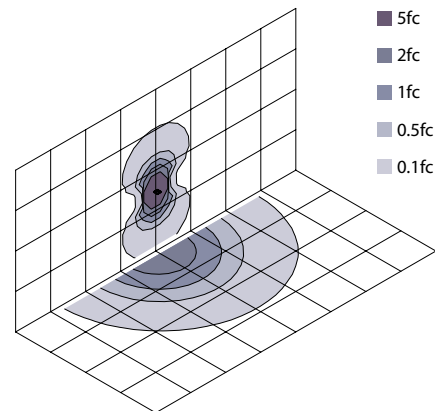
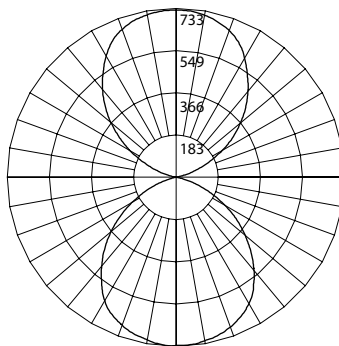
Input Voltage (VAC)	120-277
System Level Power (W)	33.7
120V Current (A)	0.29
277V Current (A)	0.13
Delivered Lumens (Lm)	3489
System Efficacy (Lm/W)	103.4
Correlated Color Temp (K)	5000
Power Factor	> 0.9
THD	< 20%
Color Rendering Index (CRI)	83
Beam Angle	102.5°
Spacing Criteria	1.31

Intensity Summary (Candle Power)

Angle	Mean CP
0	730
15	706
30	629
45	458
60	237
75	34
90	0
105	40
120	232
135	434
150	607
165	701
180	725

CCT Data Multiplier

OWCR4U1035MV30	0.923
OWCR4U1035MV40	0.962



Each square represents 100 square feet.

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	574	16.4%
0-40	938	26.9%
0-60	1569	45.0%
0-90	1768	50.7%
90-180	1721	49.3%
0-180	3489	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
OWCR4D1022MV30	2258	21.4	105.3	B1-U1-G0
OWCR4D1022MV40	2351	21.4	109.7	B1-U1-G0
OWCR4D1022MV50	2445	21.4	114.1	B1-U1-G0
OWCR4U1035MV30	3222	33.7	95.5	B1-U5-G0
OWCR4U1035MV40	3355	33.7	99.5	B1-U5-G0
OWCR4U1035MV50	3489	33.7	103.4	B1-U5-G0

Ordering Information						Example: OWCR4D1022MV50BZ
Series	Distribution	Version	Wattage	Voltage	CCTs	Finish
OWCR4	D (Down)	10 (Version 1)	22 (22 W)*	MV (120-277)	30 (3000 K)	BZ (Bronze)
	U (Up/Down)		35 (35 W)**		40 (4000 K)	WH (White)
					50 (5000 K)	

Specifications and dimensions subject to change without notice.

* Only available in Down configuration

** Only available in Up/Down configuration

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.