

OBL

LED Bollard

Product Description

The next generation of NICOR LED Bollards offers versatile and energy-efficient outdoor lighting. Featuring selectable lumen output and wattage settings and four different head styles, it combines durability and contemporary design, providing long-lasting performance and high-quality light. Constructed from robust materials and designed to withstand harsh weather conditions, this bollard light ensures reliable operation and minimal maintenance. Enhance the safety and aesthetics of your outdoor spaces with the adaptable and efficient NICOR OBL LED Bollard.

Construction

- High-quality, die-cast aluminum housing with integrated heat sink

Optical System

- Parabolic or Louvered distributions
- Selectable CCTs of 3000/4000/5000K
- >70 CRI
- See BUG Rating on the Performance Data Table

Electrical

- Selectable wattages of 14/19/24W
- Surge protection 4kV provides single phase protection for line/neutral, line/ground and neutral/ground in accordance with IEEE C62.41 2002 C
- Operating temperature rating of -40° to 113°F (-40°C to 45°C)
- Input voltage of 120-277VAC
- Standard full-range dimming with compatible 0-10VDC dimmers
- CCT and Wattage selector on bottom of head

Finish

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

Mounting and installation

- Anchor bolts and anchor bolt template included.
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Listings

- cULus1598 Listed for wet locations
- DLC 5.1 Premium (cone model only)
- IP65 Environmental Rating
- IK08 Impact Rating
- RoHS Compliant
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
- TM-21 Reported L90(9k) life >54000 for cone model, >49000 for louver
- 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 _____



Ordering

Ordering Information

Example: OBL2CFRD24SUS7BZB

Series	Version	Distribution	Top Style	Body Style	Wattage	Input Voltage	CCT	CRI	Finish Color	Body
OBL	2	C (Cone)	F (Flat)	RD (Round)	24S (24/19/14W)	U (120-277)	S (30/40/50K)	7 (70+)	BZ (Bronze)	B
		L (Louver)	R (Round)							

Specifications and dimensions subject to change without notice.

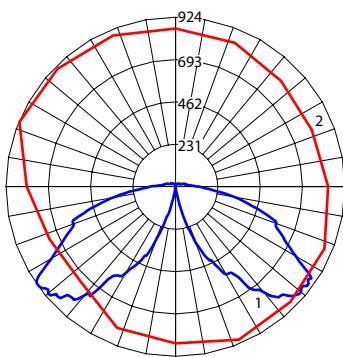
Performance Data

Performance Data			Cone				Louver			
Model	Watts Setting	CCT	Lumens	Wattage	Efficiency	BUG Rating	Lumens	Wattage	Efficiency	BUG Rating
OBL2	14	3000	2041	12.98	157.2	B1-U3-G1	962	12.44	77.3	B1-U3-G1
		4000	2101	12.82	163.9		978	12.25	79.8	
		5000	2108	12.98	162.4		975	12.42	78.5	
	19	3000	2788	18.15	153.6		1343	17.59	76.4	
		4000	2895	17.83	162.4		1368	17.22	79.4	
		5000	2911	18.21	159.9		1354	17.52	77.3	
	24	3000	3453	22.95	150.5	B2-U3-G2	1655	22.38	73.9	B1-U3-G2
		4000	3590	22.5	159.6		1708	21.92	77.9	
		5000	3586	23.04	155.6		1725	22.65	76.2	

Photometric Data

OBL Cone 24W 5K

Input Voltage (VAC)	120-277
System Level Power (W)	23.0
120V Current (A)	0.19
277V Current (A)	0.08
Delivered Lumens (Lm)	3586
System Efficacy (Lm/W)	155.6
Correlated ColorTemp (K)	5000
Color Rendering Index (CRI)	70
Horizontal Beam Angle	133.9
Vertical Beam Angle	143.9
Spacing Criteria (0)	11.56
Spacing Criteria (90)	11.80
BUG rating	B2-U3-G2

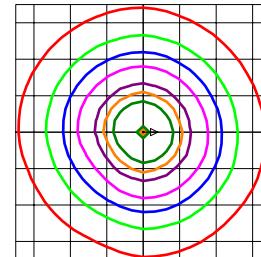


1 - Vertical Plane Through Horizontal Angle
2 - Horizontal Cone Through Vertical Angle

Intensity Summary (Candle Power)

Angle	Mean CP
0	3
15	141
30	495
45	773
60	677
75	415
90	118
105	51
120	26
135	24
150	17
165	16
180	2

36" Mounting Height, 5ft grid

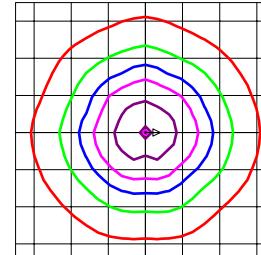


- 20fc
- 10fc
- 5fc
- 2fc
- 1fc
- 0.5fc
- 0.2fc

Data Multipliers

	3000K	4000K	5000K
13W	0.569	0.586	0.588
19W	0.777	0.807	0.812
24W	0.963	1.001	1.000

36" Mounting Height, 5ft grid



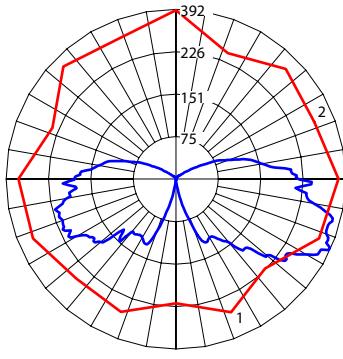
- 5fc
- 2fc
- 1fc
- 0.5fc
- 0.2fc

Data Multipliers

	3000K	4000K	5000K
13W	0.558	0.567	0.565
19W	0.779	0.793	0.785
24W	0.959	0.990	1.000

OBL Louver 24W 5K

Input Voltage (VAC)	120-277
System Level Power (W)	22.7
120V Current (A)	0.19
277V Current (A)	0.08
Delivered Lumens (Lm)	1725
System Efficacy (Lm/W)	76.2
Correlated ColorTemp (K)	5000
Color Rendering Index (CRI)	70
Horizontal Beam Angle	180.0
Vertical Beam Angle	180.0
Spacing Criteria (0)	15.94
Spacing Criteria (90)	15.92
BUG rating	B1-U3-G2



1 - Vertical Plane Through Horizontal Angle
2 - Horizontal Cone Through Vertical Angle

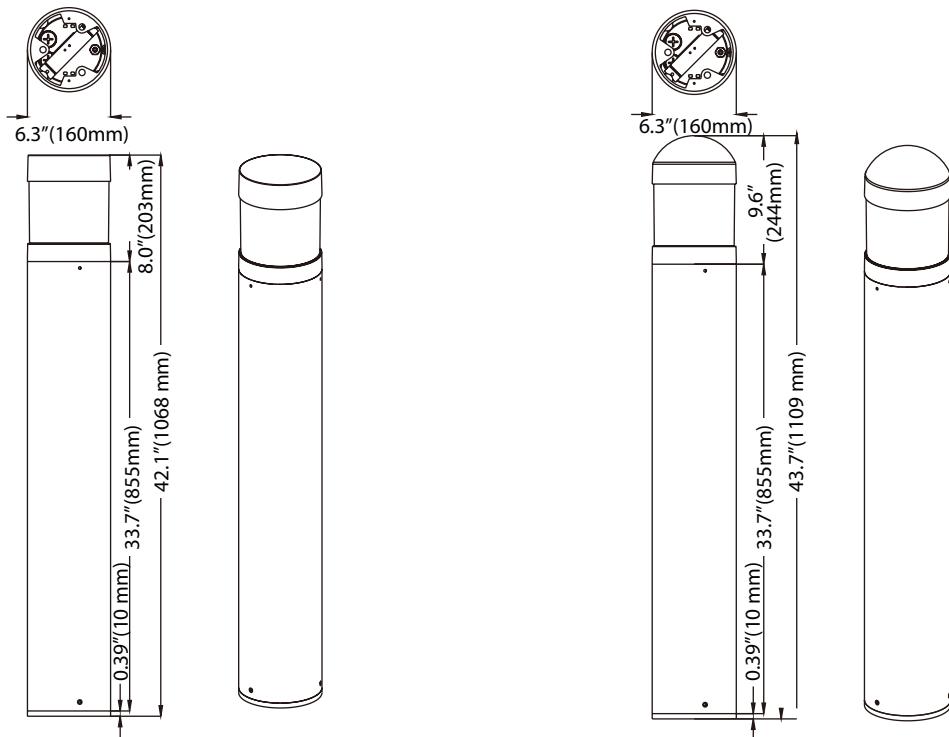
Intensity Summary (Candle Power)

Angle	Mean CP
0	1
15	54
30	119
45	158
60	251
75	271
90	209
105	136
120	70
135	25
150	11
165	5
180	0

Data Multipliers

	3000K	4000K	5000K
13W	0.558	0.567	0.565
19W	0.779	0.793	0.785
24W	0.959	0.990	1.000

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.