

# OCEANWALK Round Bollard Turtle Safe LED Specifications






Project Name:

Catalog Number:

Type:

The **OceanWalk - Round LED** series of architectural bollards combines contemporary styling with durable, vandal-resistant construction and smooth, low-level, 360-degree symmetrical illumination with available cutoff optics; and is an excellent choice for walkways, entrances, promenades, plazas, courtyards, driveways and landscaped areas.

## Ordering Information

MODEL	OPTICS	SIZE	SOURCE	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS
<b>OWK-1</b> Round Flat Top	<b>COG</b> 45° Cutoff Grill	<b>8R36</b> 8" Round Height 36"	<b>20LC</b>	<b>3</b> 350mA	<b>TS</b> (590 nm)	<b>UNV</b> 120-277V	<b>AB</b> Anchor Base Anchor Bolt Kit Supplied	<b>BZ</b> Bronze	<b>ILS</b> Internal Light Shield For COG only
<b>OWK-2</b> Round Dome Top		<b>8R42</b> 8" Round Height 42"		<b>5</b> 530mA				<b>BK</b> Black	<b>VRB</b> Vandal-Resistant Base
	<b>PR</b> Paracline Reflector							<b>SBK</b> Smooth Black	
								<b>WH</b> White	
	<b>SLR</b> Stack Louver Reflector							<b>SWH</b> Smooth White	
								<b>GP</b> Graphite	
								<b>GY</b> Grey	
								<b>SL</b> Silver Metallic	
								<b>CC</b> Custom Color	

### Housing

- 8" diameter extruded aluminum housing. Heavy-duty cast aluminum base plate concealed within shaft is designed for standard anchor bolt mounting to a concrete base. 3/8" x 12" galvanized Anchor bolts.
- Optional Vandal-Resistant Base available for 8" model.

### Thermal Management

- The OceanWalk Bollard Series provides excellent overall thermal management by maximizing the fixture's heat sink capabilities. This enables the OceanWalk Bollard Series to withstand higher ambient temperatures and drive currents without degrading LED life.
- The OceanWalk Bollard Series has a very low thermal resistance rating.
- The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output.
- The OceanWalk Bollard Series LEDs have been determined to last a minimum of 100,000+ hours in 25° C environments when driven at 175 mA.

### Optical System

- The highest lumen output LEDs are utilized in the OceanWalk Bollard Series.
- Choice of specular aluminum paracline reflector, Aluminum stack louver, or 45° cutoff grill provides Type V symmetrical light distribution.
- LED light assemblies come in 20 LEDs.
- 590 nm diode supplied as standard.

### Lens

Clear, high-impact-resistant acrylic, with silicone gasketing for a weather-tight seal. An internal light shield is available.

### Quali-Guard® Finish

- The finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 mil thickness. Finish is oven-baked at 400° F to promote maximum adherence and finish hardness.
- All finishes are available in standard and custom colors.
- Finish is guaranteed for five (5) years.

### Mounting

The OceanWalk Bollard Luminaire is easily mounted with anchor bolt kit.

### Electrical Assembly

- The OceanWalk Bollard Series is supplied with a choice of 350 or 530 mA high-performance LED drivers that accept 120v 50 Hz to 60 Hz, input.
- 40° to 40° C operating temperature.
- 10 kV surge protector supplied as standard.

### Warranty

Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit [VisionaireLighting.com](http://VisionaireLighting.com).

### Options

- Internal Light Shield
- Vandal Resistant Base

### Listings

- The OceanWalk Bollard is cUL Listed, suitable for wet locations.
- Powder Coated Tough™
- IDA Certification
- Turtle Safe



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## Photometric Optical Summary

Not all optics are available on all fixtures. Check ordering chart for availability

**COG**  
45°  
Cutoff Grill



**PR**  
Paraline  
Reflector



**SLR**  
Stack Louver  
Reflector



## Dimensions

### OWK-1

**Width:** OWK-1 8"

**Height:** OWK-1 36"/42"

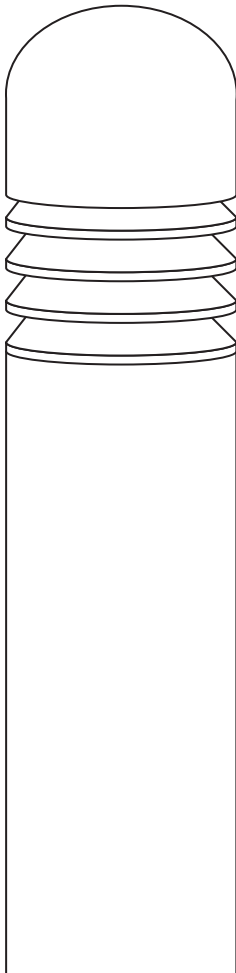
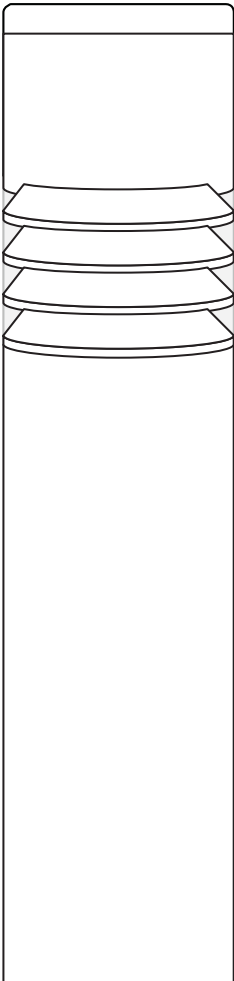
**Weight:** OWK-1 38 lbs

### OWK-2

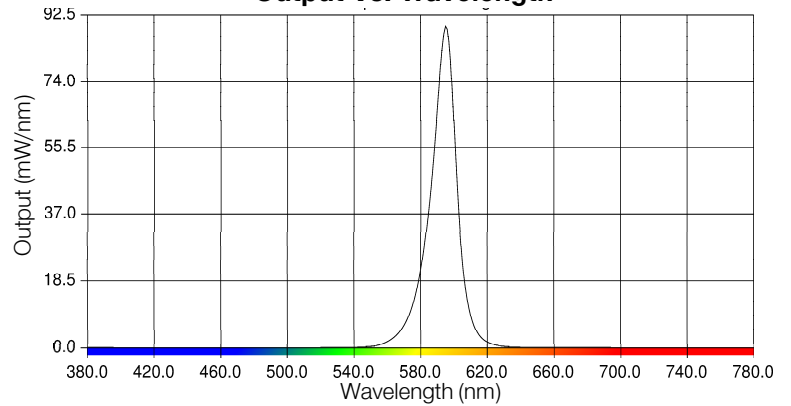
**Width:** OWK-2 8"

**Height:** OWK-2 36"/42"

**Weight:** OWK-2 38 lbs



**Output Vs. Wavelength**

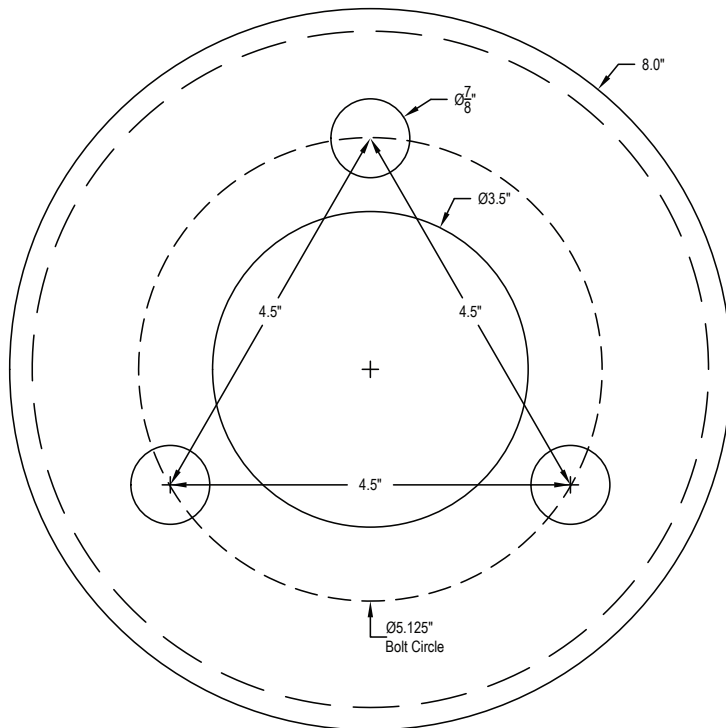


OWK Turtle Safe LUMEN DATA											
# LEDs	Current mA	COG	PR	SLR	Watts						
20	350	228	372	240	22						
	530	356	581	376	34						
OWK Turtle Safe LPW DATA											
20	350	10	17	11	22						
	530	10	17	11	34						
OWK Turtle Safe BUG DATA											
# LEDs	Current mA	COG			PR			SLR			Watts
		B	U	G	B	U	G	B	U	G	
20	350	0	2	0	0	2	0	0	2	0	22
	530	0	2	1	1	2	0	0	2	0	34

OWK Wildlife Certified - ELECTRICAL LOAD (A)							
Ordering Nomenclature	System Watts	120	208	240	277	347	480
OWK-1-8R42-COG-3	22	0.18	0.11	0.09	0.08	0.06	0.05
OWK-1-8R42-COG-5	34	0.28	0.16	0.14	0.12	0.10	0.07

**Base Detail**

Base Template for 8" Round Bollard



NOT TO SCALE

**Represents Typical Cross Section:**

Footing shown is recommended, however job specifications may require larger footings or rebar.

