

# ENDURASCAPE Bollard LED Specifications







Project Name:

Catalog Number:

Type:

The **Endurandscape** series of concrete bollards are designed to enhance and blend with architectural and natural landscapes. Beautifully crafted with textured finishes in a variety of shapes and cast grill louver designs. Optics provide smooth, 360-degree symmetrical low level illumination. Durably built for weather and vandal resistance. Ideal for walkways, entrances, promenades, plazas, courtyards, driveways, bridges and landscaped areas.

## Ordering Information

MODEL	OPTICS	SOURCE	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS
<b>EDS-1A</b> 8" Round	<b>COG</b> 45° Cutoff Grill 8" Only	<b>20LC</b>	<b>3</b> 350mA	<b>3K</b> 3000K	<b>UNV</b> 120-277V	<b>AB</b> Anchor Base Consult Factory	<u>Louver Colors</u>	<b>ILS</b> Internal Light Shield
<b>EDS-1B</b> 11" Round			<b>5</b> 530mA	<b>4K</b> 4000K			<b>BZ</b> Bronze	
<b>EDS-2</b> 11" Round Flat Top			<b>7</b> 700mA	<b>5K</b> 5000K			<b>BK</b> Black	
<b>EDS-3A</b> 11" Square	<b>COG</b> 45° Cutoff Grill 11" Only						<b>WH</b> White	
<b>EDS-4A</b> 11" Square Pyramid Top	  <b>HZG</b> Horizontal Grill 11" Only 						<b>FG</b> Forest Green	
							<b>GY</b> Grey	
							<b>SL</b> Silver Metallic	
							<b>CC</b> Custom Color	
							<u>Concrete Textures</u>	
							<b>LT</b> Light	
							<b>MD</b> Medium	
							<b>HV</b> Heavy	

# Features & Specifications

## ENDURASCAPE Bollard

### Housing

- Steel-reinforced pre-cast hollow core concrete in round or square shapes, four top styles and three textured finishes.
- Rugged cast aluminum grill louvers with 45° cutoff or horizontal cutoff.

### Thermal Management

- The Endurascape Bollard Series provides excellent overall thermal management by maximizing the fixture's heat sink capabilities. This enables the Endurascape Bollard Series to withstand higher ambient temperatures and drive currents without degrading LED life.
- The Endurascape 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 Endurascape 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

- Uniform Type V symmetrical light distribution.
- Optional internal light shield for Type III distribution.
- The highest lumen output LEDs are utilized in the Endurascape Bollard Series. Aluminum stack louver, or 45° cutoff grill provides Type V symmetrical light distribution. LED light assemblies come in 20 LEDs.
- CRI values are 70.

### Lens

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

### Quali-Guard® Finish

- The louver 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 Endurascape Bollard Luminaire is easily mounted with anchor bolt kit.

### Electrical Assembly

- The Endurascape Bollard Series is supplied with a choice of 350, 530 or 700 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

### Listings

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



DesignLights Consortium (DLC) qualified Product. Some configurations of this product family may not be DesignLights Consortium (DLC) listed, please refer to the DLC qualified products list to confirm listed configurations. <http://www.designlights.org/>  
3000K must be selected for IDA certification.

# ENDURASCAPE Bollard LED Specifications

## Photometric Optical Summary

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

**COG**  
45° Cutoff Grill - 8" Only



**COG**  
45° Cutoff Grill - 11" Only

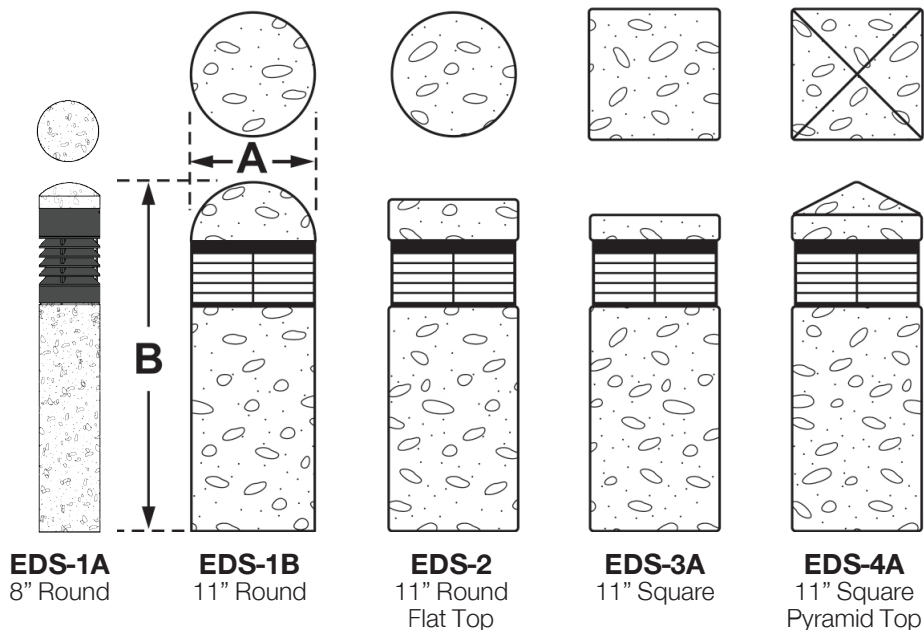


**HZG**  
Horizontal Grill - 11" Only

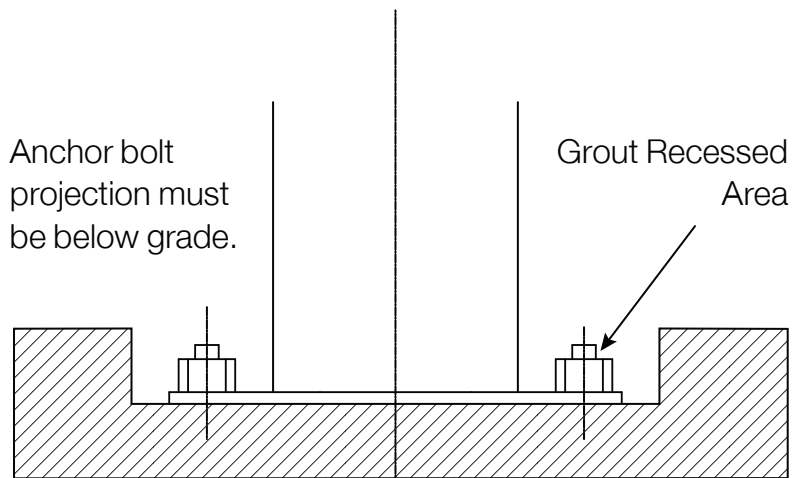


## Dimensions

Fixture	WIDTH	HEIGHT	LBS
EDS-1A	8"OD	42"	275
EDS-1B	11" OD	42"	325
EDS-3	11" OD	40 1/4"	320
EDS-3A	11" SQ	41"	275
EDS-4A	11"SQ	43"	325



## Base Details



LED Specifications **ENDURASCAPE Bollard**

ENDURASCAPE LUMEN DATA 3K													
	LC	CURRENT (mA)	COG	LPW	B	U	G	HZG	LPW	B	U	G	Watts
EDS-1A	20	300	804	40	1	3	1						20
		530	1288	40	1	3	1						32
		700	1816	40	1	3	1						45
EDS-1B	20	300	618	28	1	2	1	742	34	0	3	1	22
		530	873	27	1	3	1	1047	32	1	3	1	32
		700	1064	24	1	3	1	1277	29	1	3	1	44
EDS-2	20	300	612	28	1	2	1	734	33	0	3	1	22
		530	864	27	1	3	1	1037	32	1	3	1	32
		700	1054	24	1	3	1	1265	29	1	3	1	44
EDS-3A	20	300	600	27	1	2	1	720	33	0	3	1	22
		530	847	26	1	3	1	1017	31	1	3	1	32
		700	1033	24	1	3	1	1240	29	1	3	1	44
EDS-4A	20	300	606	27	1	2	1	727	33	0	3	1	22
		530	856	26	1	3	1	1027	32	1	3	1	32
		700	1044	24	1	3	1	1253	29	1	3	1	44
ENDURASCAPE LUMEN DATA 4K													
	LC	CURRENT (mA)	COG	LPW	B	U	G	HZG	LPW	B	U	G	Watts
EDS-1A	20	300	844	42	1	3	1						20
		530	1352	42	1	3	1						32
		700	1906	42	1	3	1						45
EDS-1B	20	300	631	29	1	2	1	757	34	0	3	1	22
		530	891	27	1	3	1	1069	33	1	3	1	32
		700	1087	25	1	3	1	1304	30	1	3	1	44
EDS-2	20	300	625	28	1	2	1	750	34	0	3	1	22
		530	882	27	1	3	1	1059	33	1	3	1	32
		700	1076	25	1	3	1	1291	30	1	3	1	44
EDS-3A	20	300	613	28	1	2	1	735	33	0	3	1	22
		530	865	27	1	3	1	1038	32	1	3	1	32
		700	1055	24	1	3	1	1266	29	1	3	1	44
EDS-4A	20	300	619	28	1	2	1	742	34	0	3	1	22
		530	873	27	1	3	1	1048	32	1	3	1	32
		700	1066	24	1	3	1	1279	29	1	3	1	44
ENDURASCAPE LUMEN DATA 5K													
	LC	CURRENT (mA)	COG	LPW	B	U	G	HZG	LPW	B	U	G	Watts
EDS-1A	20	300	812	41	1	3	1						20
		530	1301	41	1	3	1						32
		700	1834	41	1	3	1						45
EDS-1B	20	300	644	29	1	2	1	773	35	0	3	1	22
		530	909	28	1	3	1	1091	34	1	3	1	32
		700	1109	25	1	3	1	1331	31	1	3	1	44
EDS-2	20	300	638	29	1	2	1	765	35	0	3	1	22
		530	900	28	1	3	1	1080	33	1	3	1	32
		700	1098	25	1	3	1	1318	30	1	3	1	44
EDS-3A	20	300	625	28	1	2	1	750	34	0	3	1	22
		530	883	27	1	3	1	1059	33	1	3	1	32
		700	1077	25	1	3	1	1292	30	1	3	1	44
EDS-4A	20	300	631	29	1	2	1	758	34	0	3	1	22
		530	891	28	1	3	1	1070	33	1	3	1	32
		700	1087	25	1	3	1	1305	30	1	3	1	44