



# Commercial Bollard (CBR8)

## Low Level Bollard



### OVERVIEW

Lumen Package (lm)	2,000 - 4,000
Wattage Range (W)	18 - 38
Efficacy Range (LPW)	110 - 132
Weight lbs (kg)	26 (12)

### QUICK LINKS

## FEATURES & SPECIFICATIONS

### Construction

- LED compartment is airtight to prevent fogging and condensation build up and keep water out.
- Torx security screws secure the LED compartment to the base to deter vandalism.
- High-impact polycarbonate diffuser.
- Consisting of an 8" OD extruded aluminum alloy body.
- Extruded aluminum tube provides strength and durability as well as protects and conceals the component wiring.
- Versatile mounting plate allows for easy installation and replacement for any project or development.
- Shipping weight: 27 lbs in carton.

### Optical System

- Aluminum reflector designed to reduce glare and produce an even distribution.
- Clear UV resistant polycarbonate lens allows for optimal light transmission and protects the light engine compartment from harsh environments.
- Available in 5000K, 4000K and 3000K color temperatures per ANSI C78.377.
- Minimum CRI of 70.

### Electrical

- Driver is mounted under the LED compartment for easy replacement and to protect from water, that may accumulate in the base of the bollard.
- Terminal block provided on base bracket for easy installation of incoming supply wires.
- Quick disconnect located near the terminal block for simple connection to the LED driver.
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Standard 4kV surge with optional 10kV or 20kV surge protection device.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz

### Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

### Listings

- UL and CUL listed for wet locations.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

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Type: \_\_\_\_\_

 **Have questions?** Call us at (800) 436-7800

## ORDERING GUIDE

TYPICAL ORDER EXAMPLE: CBR8 2L 40 UNV D BLK LV						
Prefix	Lumen Package	Color Temperature / Rendering	Voltage	Feature	Finish	Options
CBR8 - Commercial Bollard	2L - 2,000 Lumens 4L - 4,000 Lumens	50 - 5000K / 70CRI 40 - 4000K / 70CRI 30 - 3000K / 70CRI	UNV - Universal Voltage (120-277V)	F - Flat Top D - Domed Top	BLK - Black BRZ - Bronze	SP1 - 10kV Surge SP2 - 20kV Surge LV - Louvered PCIUNV - Button Photocell (120-277V)



**Need more information?**  
[Click here for our glossary.](#)

**Have additional questions?**  
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## PERFORMANCE

Delivered Lumens <sup>1</sup>											
Lumen Package	Distribution	3000K (70CRI)			4000K (70CRI)			5000K (70CRI)			Wattage
		Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
2L	Symmetric	2,306	128	B2-U3-G1	2,428	135	B2-U3-G1	2,372	132	B2-U3-G1	18
4L	Symmetric	4,192	110	B2-U3-G1	4,414	116	B2-U3-G1	4,312	113	B2-U3-G1	38

Electrical Data - Current Draw AMPS <sup>2</sup>					
Lumen Package	Distribution	120V	208V	240V	277V
2L	Symmetric	0.15	0.09	0.08	0.06
4L	Symmetric	0.32	0.18	0.16	0.14

Recommended Lumen Maintenance - CBR8 <sup>3</sup>					
Ambient Temperature °C	Initial <sup>4</sup>	25K hrs. <sup>4</sup>	50K hrs. <sup>4</sup>	75K hrs. <sup>5</sup>	100K hrs. <sup>5</sup>
25	100%	93%	87%	81%	75%

<sup>1</sup> LEDs are frequently updated therefore values are nominal.

<sup>2</sup> Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

<sup>3</sup> Lumen maintenance values at 50C are calculated per TM-21 based on LM-80 data and in-situ testing.

<sup>4</sup> In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.

<sup>5</sup> In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing.



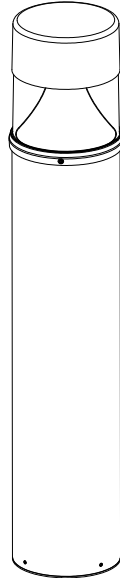
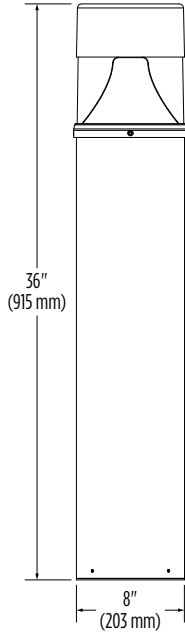
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## PRODUCT DIMENSIONS

**Commercial Bollard, Flat Top**  
(CBR8 F)



**Commercial Bollard, Domed Top**  
(CBR8 D)

