



# 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<br>4L - 4,000 Lumens | 50 - 5000K / 70CRI<br>40 - 4000K / 70CRI<br>30 - 3000K / 70CRI | UNV - Universal Voltage (120-277V) | F - Flat Top<br>D - Domed Top | BLK - Black<br>BRZ - Bronze | SP1 - 10kV Surge<br>SP2 - 20kV Surge<br>LV - Louvered<br>PCIUNV - Button Photocell (120-277V) |



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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%                    |

1 LEDs are frequently updated therefore values are nominal.  
2 Electrical data at 25C (77F). Actual wattage may differ by +/-10%.  
3 Lumen maintenance values at 50C are calculated per TM-21 based on LM-80 data and in-situ testing.  
4 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.  
5 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

