

# LUMUX

## BOLLARD

BL100S

DATE: \_\_\_\_\_  
PROJECT: \_\_\_\_\_  
FIRM: \_\_\_\_\_  
CATALOG NO: \_\_\_\_\_  
COMMENTS: \_\_\_\_\_



BL100S-R



BL100S-F

**BL100S from Lumux is an elegant architectural bollard that excels at defining spaces, both during the day and at night.**

BL100S offers a distinctively modern design, ideal for illuminating access ways, paths, and plazas. BL100S is a powerful outdoor LED solution with optional 0-10v dimming, energy-efficient for long-lasting outdoor applications. BL100S is constructed from heavy-duty aluminum extrusion, providing durability that meets the highest standards, and features rounded or flat diecast top options. Part of the Lumux area lighting collection that includes the companion BL100MOD bollard.

up to  
**300** lm

**20** w

up to  
**16** lm/W

LUMUX LIGHTING

7803 Industry Ave, Pico Rivera, CA 90660  
sales@lumux.com | 562-801-5100

Content of specification sheet subject to change

# LUMUX

## BOLLARD BL100S

Perfect for path and plaza lighting, BL100S is an elegant, modern low-profile bollard with optional 0-10v dimming and cap design options.

### Ordering Guide

Catalog No.	Cap	Wattage	LED Color	Color Temp <sup>1</sup>	Voltage	Finish	Options <sup>2</sup>
BL100S-R	Rounded Cap	20W	White	2700K	120-277v	Black	<input type="checkbox"/> 0-10v Dimming <input type="checkbox"/> Photozell <input type="checkbox"/> Occupancy Sensor <input type="checkbox"/> GFCI Dual Receptacle <input type="checkbox"/> Integral Battery Pack
BL100S-F	Flat Cap			3000K		White	
				3500K		Silver	
				4000K		Bronze	
						Custom RAL <sup>2</sup>	

<sup>1</sup>Consult factory for additional options

<sup>2</sup>Consult factory for additional pricing

Catalog No.: \_\_\_\_\_

Performance Specifications	
Flux up to 300 lm	LER up to 16 lm/W
Power up to 20W	120-277v input voltage
Starting temp. rated to -20°F	Photocell & Sensor options
0-10v Dimming driver option	Dual GFCI option
Lumen Maintenance*: L90 >60,000 hrs	Integral Battery Pack option

Environmental Specifications	
BUG rating: B0-U2-G1	
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area 0.7 sq.ft.	Marine Grade option
5-year limited warranty	Made in the USA

### Delivered Lumens & Wattage per color temperature:

	2700K	3000K	3500K	4000K	WATTS
BL100S	250 lm	250 lm	275 lm	300 lm	20W

For higher lumen packages, please consult the Lumux sales team.

**Housing:** Heavy-duty construction of corrosion resistant, low copper aluminum extrusion. All fasteners are vandal resistant stainless-steel.

**Lens:** Sealed one-piece, shatter-proof, UV-rated polycarbonate.

**Gasket:** Closed-cell silicone foam gasket seals out moisture, dust, and insects, for weather-tight operation. IP65 and ETL listed for wet locations.

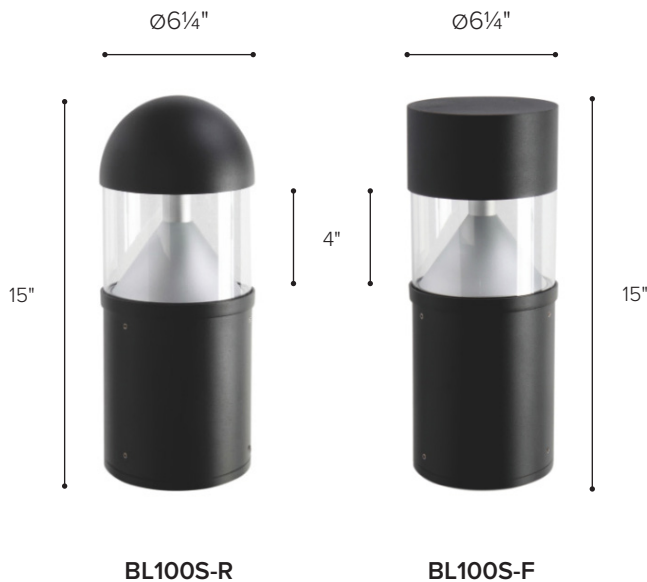
**Mounting:** Secure with galvanized anchor bolts to contractor installed concrete footing.

**Installation:** Please refer to installation instructions.

**Finish:** Zinc polyester powder coat finish in black, white, silver, bronze, or any custom RAL color. Consult factory for marine grade or anti-microbial finish.

**Light Engine:** Constant Current driver powering high quality LEDs, with optional 0-10v dimming.

**Integral Battery Pack:** Optional 10W IBP integral emergency battery pack provides 1,000 lumens with a 90 minute battery life.



### Dimensions

\*Lumen Maintenance Report: CREE XP-E

Content of specification sheet subject to change

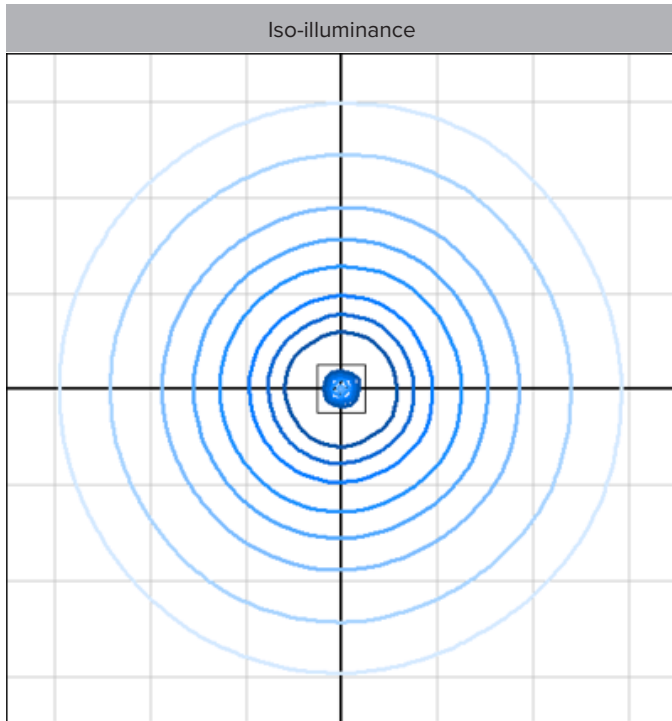
# LUMUX

## BOLLARD BL100S

Photometry	IESNA: LM-63-2002
TEST: BL100S	TEST LAB: n/a
LUMINAIRE: BL100S	DATE: 2014-10-22
IES Classification: Type VS	Long. Class: Very Short
Luminaire Lumens	322 (4000K)
Luminaire Efficacy Rating (LER)	16
Total Luminaire Watts	20.1W
Upward Waste Light Ratio	0.14
Max. Candela	78.42
Max. Cd. < 90° Vertical	78.42
Max. Cd. (At 90 Deg. Vert.)	16.09 (5% Luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	30.46 (9.5% Luminaire)
Cutoff Classification	Cutoff
BUG Rating	B0-U2-G1

Technical aspects may change without notice.

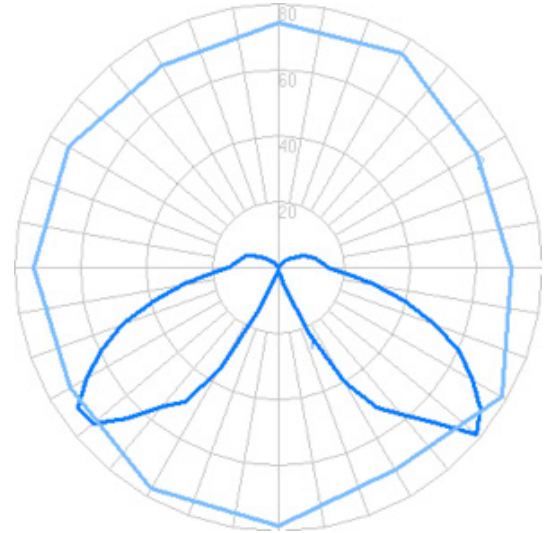
IES Mounting Height for photometry plans: 10" / 0.83'



Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20 | Grid spacing 2'

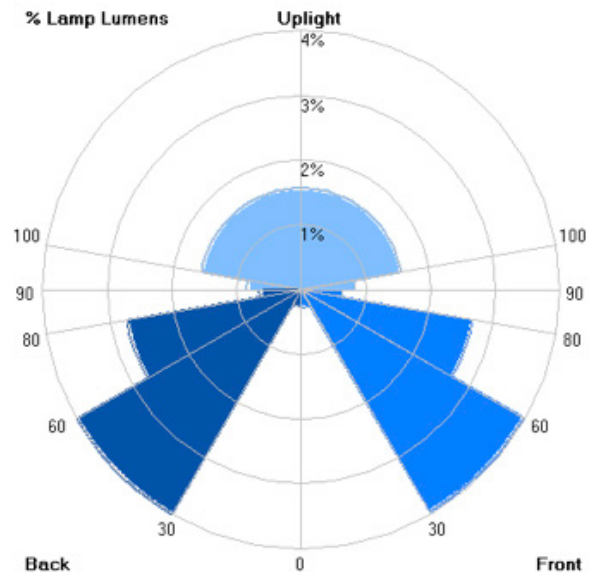
Sample isoillumination plot. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

### Candela



### Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	5.1	1.6
FM	(30-60)	72.4	22.5
FH	(60-80)	49.2	15.3
FVH	(80-90)	11.5	3.6
BL	(0-30)	4.8	1.5
BM	(30-60)	73.1	22.7
BH	(60-80)	50.0	15.5
BVH	(80-90)	11.6	3.6
UL	(90-100)	15.3	4.8
UH	(100-180)	28.6	8.9
Total		322	100



# LUMUX

## LUMINAIRES IN THE COLLECTION

### BOLLARDS - CYLINDRICAL



BL100



BL110



BL500



BL130



BL400



BL100MOD-R



BL100MOD-F



BL100S-R



BL100S-F



BL900



BL900S