

# LUMUX

## BOLLARD BL100MOD

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



BL100MOD-R



BL100MOD-F

BL100MOD from Lumux is an elegant architectural bollard that excels at defining spaces, both during the day and at night.

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

up to **2875** lm      **21**W      up to **140** lm/W

Content of specification sheet subject to change

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## BOLLARD BL100MOD

Perfect for path and plaza lighting, BL100MOD is an elegant bollard with a modern design, 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>
BL100MOD-R	Rounded Cap	12W	White	3000K	120-277v	Black	<input type="checkbox"/> 0-10v Dimming
BL100MOD-F	Flat Cap	16W		3500K		White	<input type="checkbox"/> Photozell
		21W		4000K		Silver	<input type="checkbox"/> Occupancy Sensor
						Bronze	<input type="checkbox"/> GFCI Dual Receptacle
						Custom RAL <sup>2</sup>	<input type="checkbox"/> Integral Battery Pack

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

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

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

Performance Specifications	
Flux up to 2875 lm	LER up to 140 lm/W
Power up to 21W	120-277v input voltage
Starting temp. rated to -20°F	Photocell & Sensor options
0-10v Dimming driver option	Dual GFCI option
Lumen Maintenance*: L70 >60,000 hrs	Integral Battery Pack option

Environmental Specifications	
BUG rating: B1-U3-G1	
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area 1.8 sq.ft.	Marine Grade option
5-year limited warranty	Made in the USA

### Delivered Lumens & Wattage per color temperature:

	3000K	3500K	4000K	WATTS
BL100MOD	1550 lm	1700 lm	1700 lm	12W
	2050 lm	2250 lm	2250 lm	16W
	2650 lm	2875 lm	2875 lm	21W

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.

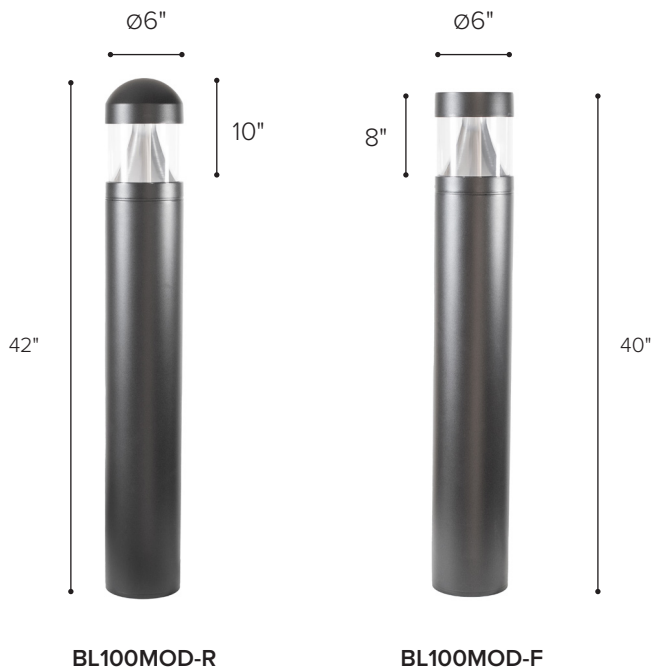
**Mounting:** Secure with galvanized anchor bolts to contractor installed concrete footing.

**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, and field selectabe CCT and Wattage.

**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 XLamp XT-E

Content of specification sheet subject to change

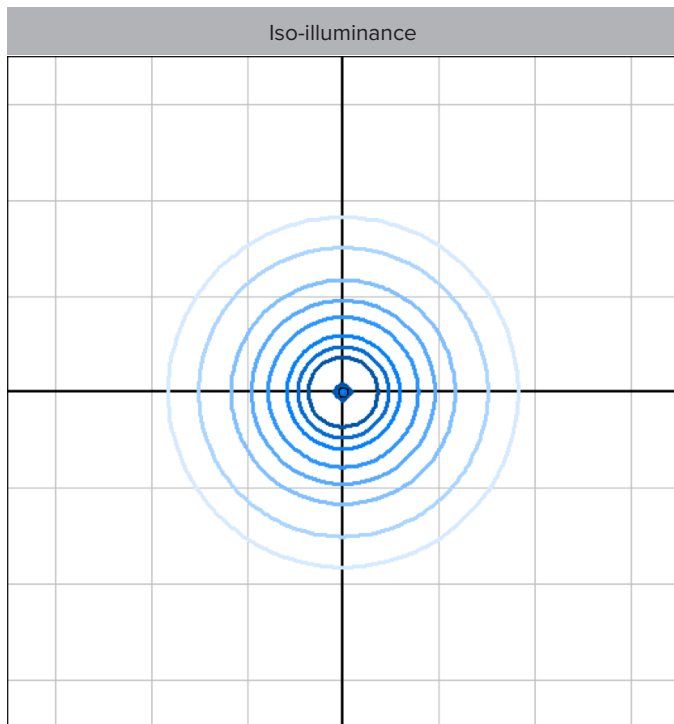
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## BOLLARD BL100MOD

Photometry	IESNA: LM-63-2002
TEST: 14361791.01	TEST LAB: UL LLC
LUMINAIRE: BL100MOD	DATE: 2022-06-13
IES Classification: Type VS	Long. Class: Very Short
Luminaire Lumens	2,874 (4000K)
Luminaire Efficacy Rating (LER)	140
Total Luminaire Watts	20.486W
Upward Waste Light Ratio	0.06
Max. Candela	697.6
Max. Cd. < 90° Vertical	697.6
Max. Cd. (At 90 Deg. Vert.)	111.9 (3.9%)
Max. Cd. (80 to <90 Deg. Vert.)	268 (9.3%)
Cutoff Classification	NA
BUG Rating	B1-U3-G1

Technical aspects may change without notice.

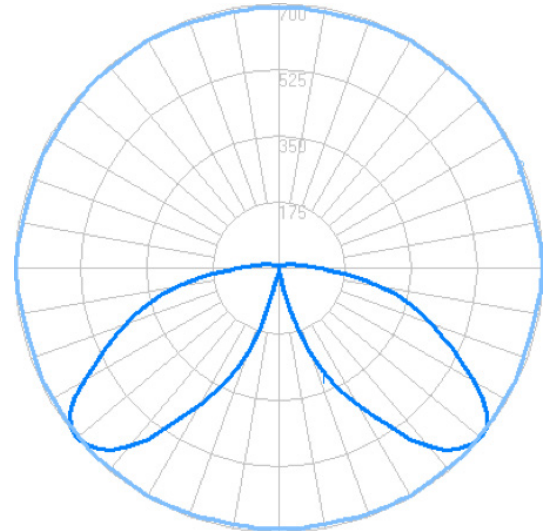
IES Mounting Height for photometry plans: 36" / 3'



Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50 | Grid spacing 10'

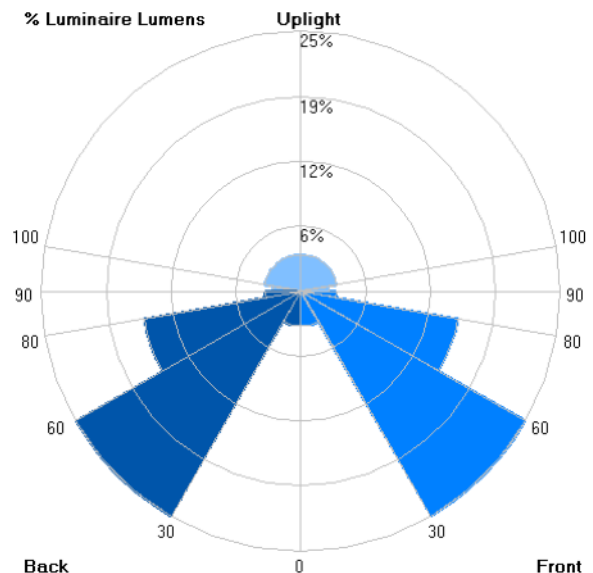
Sample isoillumination plots. For precise values, use Lumux IES file with photometry software and correct surface reflectances.

### Candela



### Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	95.7	3.3
FM	(30-60)	715.3	24.9
FH	(60-80)	439.7	15.3
FVH	(80-90)	97.8	3.4
BL	(0-30)	95.7	3.3
BM	(30-60)	715.3	24.9
BH	(60-80)	439.7	15.3
BVH	(80-90)	97.8	3.4
UL	(90-100)	76.9	2.7
UH	(100-180)	99.5	3.5
Total		2873.4	100



Content of specification sheet subject to change

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## LUMINAIRES IN THE COLLECTION

### BOLLARDS - CYLINDRICAL



BL100



BL110



BL500



BL130



BL400



BL100MOD-R



BL100MOD-F



BL100S-R



BL100S-F



BL900



BL900S