LUMUX

BOLLARD
BL100MOD

The Lumux Bollard ("BL") series is a family of precision engineered, architectural LED bollards offered in a wide variety of form factors. Intended to illuminate a variety of outdoor spaces, whether public or private, the Lumux Bollard line offers multiple light distributions, including 360-degree shielded or unshielded, symmetric, and downward facing light.

The body is constructed from heavy-duty die-cast aluminum or grade 316 stainless-steel, seamlessly integrated with its light source in a sleek, symmetrical design with no visible hardware. The Lumux Bollard combines form and function, offering architectural grade design while utilizing the highest quality of materials and components, providing long-lasting stability and durability that meets the most rigorous standards.

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

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

Mounting: Secures with galvanized anchor bolts.

Installation: Mounting footplate (refer to diagram).

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.

Driver: Constant current and universal input voltage 120-277v, starting temperature rated at -20°F. Dimmable option available (0-10v).

Gasket: Closed cell silicon foam gasket that seals out moisture, dust, and insects for weather tight operation.

Protection Class: IP65, ETL Listed for wet locations.

Wattage: 21W

Delivered Lumens & Wattage per color temperature:

3000K	4000K	5000K	WATT
1550 lm	1700 lm	1700 lm	12
2050 lm	2250 lm	2250 lm	16
2650 lm	2850 lm	2850 lm	21

CRI: 80

Warranty: 5 year limited warranty

NEW: dip-switches on luminaire allow Color Temperature and Wattage to be field selectable at site of installation.

BL100MOD-R (round top)   **BL100MOD-F (flat top)**

MADE IN USA · ETL Listed C US · IP 65 · Quick Ship

5 YEAR WARRANTY · Wet · MARINE GRADE · CCT SELECT WATT

Dimensions:

ø6.0" · 10.0" · 42.0"

ø6.0" · 8.0" · 40.0"
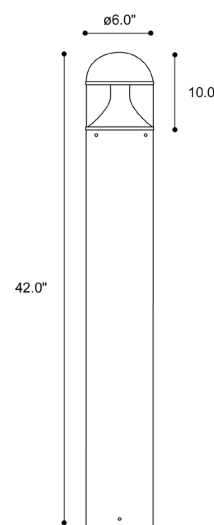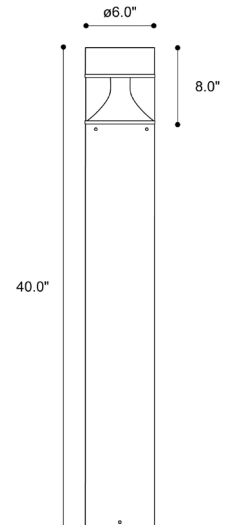
BL100MOD-R (round top)   **BL100MOD-F (flat top)**

Content of specification sheet subject to change

LUMUX

BOLLARD
BL100MOD

Ordering Guide:

Catalog No.	LED Color	Color Temp[1]	Voltage	Finish	Options[2]
BL100MOD-R	White	3000K	120-277v	Black	☐ Dimmable driver (0-10v)
BL100MOD-F		4000K		White	
		5000K		Silver	
				Bronze	
				Custom RAL[2]	

[1]Consult factory for additional options
[2]Consult factory for additional pricing

Catalog No.: _____

Performance Specifications	
Flux 2,850 lm (40K)	LER 140 lm/W
Power 20.5W	120-277v input voltage
Starting temp. rated to -20°F	
Dimmable driver (0-10v) option	
Lumen Maintenance*: L70 >60K hrs; 96.7% @ 10K hrs; Ts 55ºC	

Environmental Specifications	
BUG rating B1-U3-G1	
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area 2.0 ft2	Marine Grade option
5-year limited warranty	Made in the USA

*Lumen Maintenance (CREE XLamp XT-E):
Report No. R2DG181107053-10

Content of specification sheet subject to change

LUMUX

BOLLARD
BL100MOD

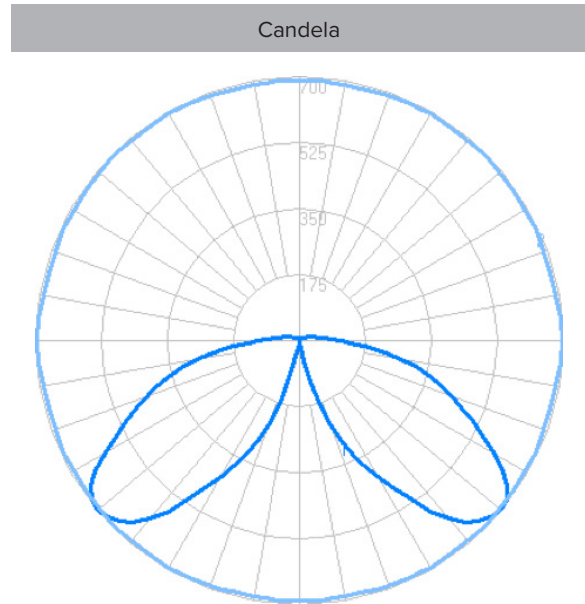| Photometry	IESNA: LM-63-2002
TEST: 14361791.01	TEST LAB: UL LLC
LUMINAIRE: BL100MOD	DATE: 2022-06-13
IES Classification: Type VS	Long. Class: Very Short
Luminaire Lumens	2,874 (4000K)
Luminaire Efficacy Rating (LER)	140
Total Luminaire Watts	20.486W
Upward Waste Light Ratio	0.06
Max. Candela	697.6
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'

Candela

Zonal Lumens

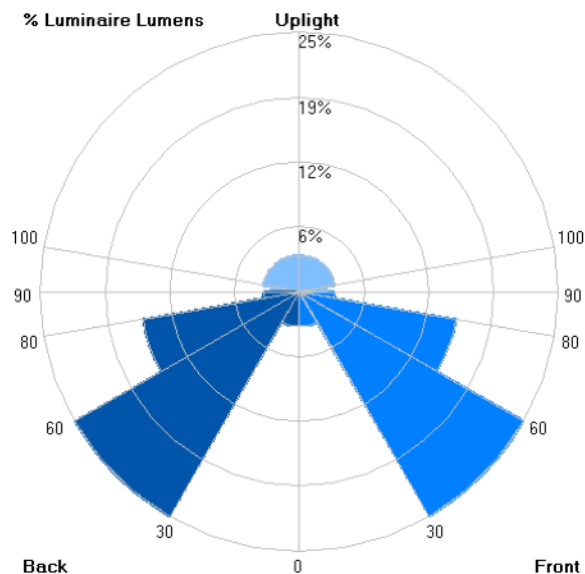| LCS	Zone	Lumens	%Lum.
FL	(0-30)	95.7	3.3
FM	(30-60)	715.3	24.9
FH	(60-80)	439.7	15.3
FVH	(80-90)	97.8	3.4
BL	(0-30)	95.7	3.3
BM	(30-60)	715.3	24.9
BH	(60-80)	439.7	15.3
BVH	(80-90)	97.8	3.4
UL	(90-100)	76.9	2.7
UH	(100-180)	99.5	3.5
Total		2873.4	100

Iso-illuminance

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

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

Content of specification sheet subject to change