

LUMUX

BOLLARD

BL500

DATE: _____
PROJECT: _____
FIRM: _____
CATALOG NO: _____
COMMENTS: _____



The Pointe at Polaris, Columbus Ohio



BL500 from Lumux is an elegant architectural bollard that excels at defining spaces, both during the day and at night.

BL500 offers a distinctively modern design, ideal for illuminating access ways, paths, and plazas. BL500 is a powerful LED solution with optional 0-10v dimming, energy-efficient for long-lasting outdoor applications. BL500 is constructed from heavy-duty stainless steel, providing durability that meets the highest standards. Part of the Lumux area lighting collection that includes the companion BL500-TALL light column.

up to **3300** lm **49** w up to **68** lm/W

Content of specification sheet subject to change

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BOLLARD BL500

Perfect for courtyard, path and plaza lighting, BL500 is an elegant stainless steel bollard with a modern design and optional 0-10v dimming.

Ordering Guide

Catalog No.: _____

Catalog No.	Wattage	LED Color	Color Temp ¹	Voltage	Finish	Options ²
BL500	18W	White	2700K	120-277v	Stainless Steel	<input type="checkbox"/> 0-10v Dimming <input type="checkbox"/> Photocell <input type="checkbox"/> Occupancy Sensor <input type="checkbox"/> Integral Battery Pack <input type="checkbox"/> GFCI Dual Receptacle
	49W		3000K		Black	
			3500K		White	
			4000K		Silver	
					Bronze	
				Custom RAL ²		

Lumux Luminaires are compliant with UL 1598 and ANSI C136.17. They are weatherproof, heavy duty outdoor luminaires designed for efficient light utilization, heat dissipation, and ease of maintenance. Lumux fixtures are factory tested in accordance to the IES LM-79 and LM-80 recommendations and meet ANSI C78.377-2008 standards.

Consult factory: for additional options¹; additional pricing².

Performance Specifications	
Flux up to 3300 lm	LER up to 68 lm/W
Power up to 49W	120-277v input voltage
Starting temp. rated to -20°F	Photocell & Sensor options
0-10v Dimming driver option	Integral Battery Pack option
Lumen Maintenance*: L70 >100K hrs	GFCI Dual Receptacle option

Environmental Specifications	
BUG rating: B1-U5-G2	
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area 1.4 sq.ft.	Marine Grade option
5-year limited warranty	Made in the USA

Delivered Lumens & Wattage per color temperature:

	2700K	3000K	3500K	4000K	WATTS
BL500	1075 lm	1100 lm	1125 lm	1150 lm	18W
	3000 lm	3100 lm	3200 lm	3300 lm	49W

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

Housing: Heavy-duty construction of corrosion resistant stainless steel or 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.

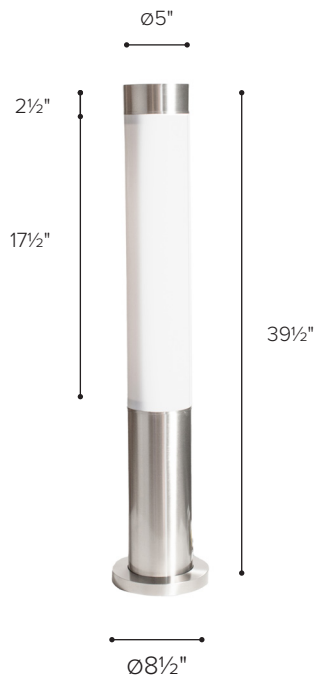
Mounting: Secure with galvanized anchor bolts to contractor installed concrete footing.

Installation: Please refer to installation instructions.

Finish: Stainless steel construction with optional 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: Forzlux BB56FE

Content of specification sheet subject to change

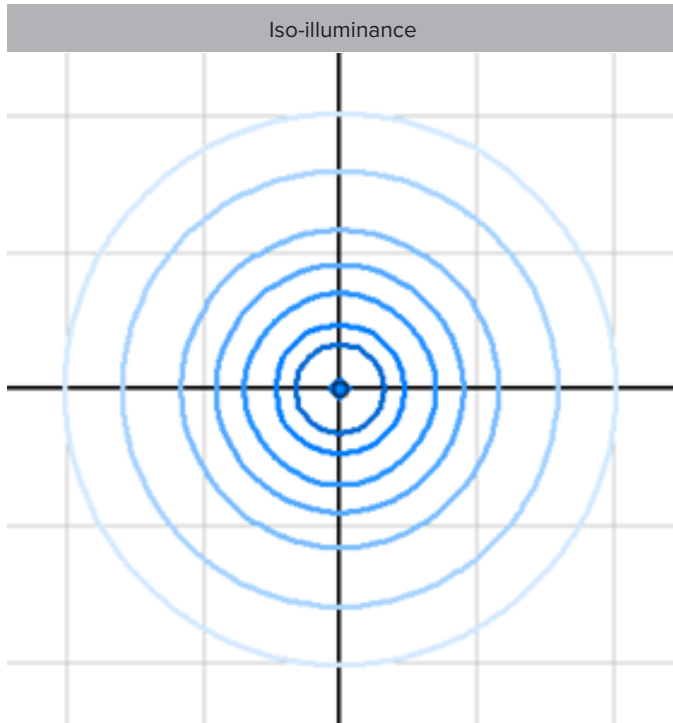
LUMUX

BOLLARD BL500

Photometry	IESNA: LM-63-2002
TEST: 14463814.01	TEST LAB: UL LLC
LUMINAIRE: BL500	DATE: 2022-08-23
IES Classification: N.A.	Long. Class: N.A.
Luminaire Lumens	3307 (4000K)
Luminaire Efficacy Rating (LER)	68
Total Luminaire Watts	48.63W
Upward Waste Light Ratio	0.50
Max. Candela	349.9
Max. Cd. < 90° Vertical	349.9
Max. Cd. (At 90 Deg. Vert.)	349.9 (10.6% Luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	349.9 (10.6% Luminaire)
Cutoff Classification	N.A.
BUG Rating	B1-U5-G2

Technical aspects may change without notice.

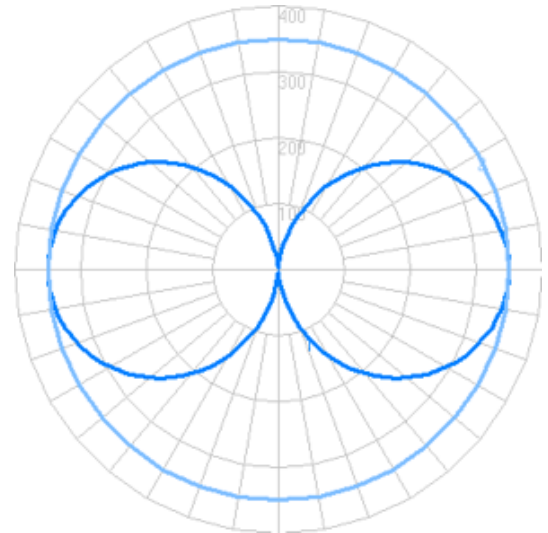
IES Mounting Height for photometry plans: 28" / 2.4'



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

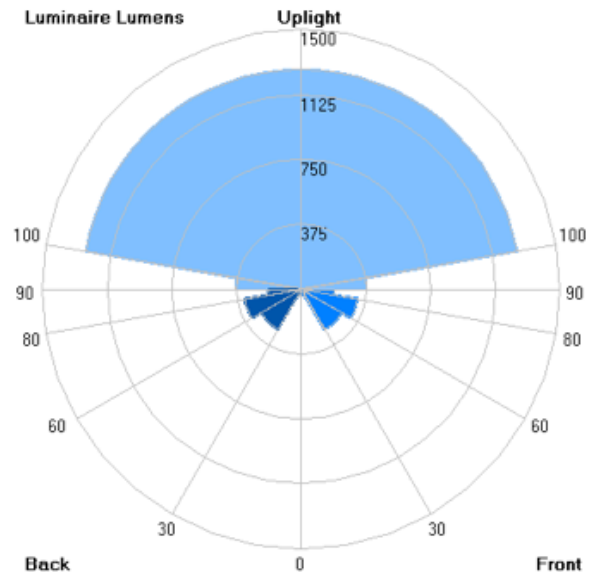
Sample isoillumination plot. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

Candela



Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	38.3	1.2
FM	(30-60)	269.7	8.2
FH	(60-80)	331.7	10.0
FVH	(80-90)	189.8	5.7
BL	(0-30)	38.3	1.2
BM	(30-60)	269.7	8.2
BH	(60-80)	331.7	10.0
BVH	(80-90)	189.8	5.7
UL	(90-100)	379.4	11.5
UH	(100-180)	1268.5	38.4
Total		3307	100.0



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LUMINAIRES IN THE COLLECTION

BOLLARDS - CYLINDRICAL



BL100



BL110



BL500



BL130



BL400



BL100MOD-D



BL100MOD-F



BL100S-D



BL100S-F



BL900



BL900S