

LUMUX

BOLLARD BL500-TALL

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



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

BL500-TALL offers a distinctively modern design, ideal for illuminating access ways, paths, and plazas. BL500-TALL is a powerful LED solution with optional 0-10v dimming, energy-efficient for long-lasting outdoor applications. BL500-TALL 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 bollard.

up to **11750** lm **133**W up to **88** lm/W

Content of specification sheet subject to change

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BOLLARD BL500-TALL

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

Ordering Guide

Catalog No.	Wattage	LED Color	Color Temp ¹	Voltage	Finish	Options ²
BL500-TALL	41W 133W	White	2700K 3000K 3500K 4000K	120-277v	Stainless Steel Black White Silver Bronze Custom RAL ²	<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

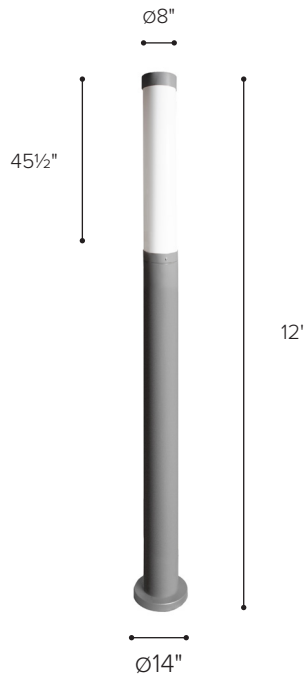
¹Consult factory for additional options

²Consult factory for additional pricing

Catalog No.: _____

Performance Specifications	
Flux up to 11750 lm	LER up to 88 lm/W
Power up to 133W	120-277v input voltage
Starting temp. rated to -20°F	Sensor options
0-10v Dimming driver option	Dual GFCI option
Lumen Maintenance*: L70 >36,000 hrs	Integral Battery Pack option

Environmental Specifications	
BUG rating: B3-U5-G4	
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area 8 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-TALL	3500 lm	3500 lm	3500 lm	3500 lm	41W
	11750 lm	11750 lm	11750 lm	11750 lm	133W

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

Housing: Heavy-duty construction of corrosion resistant stainless steel. 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 NML-LB-CC-C-44

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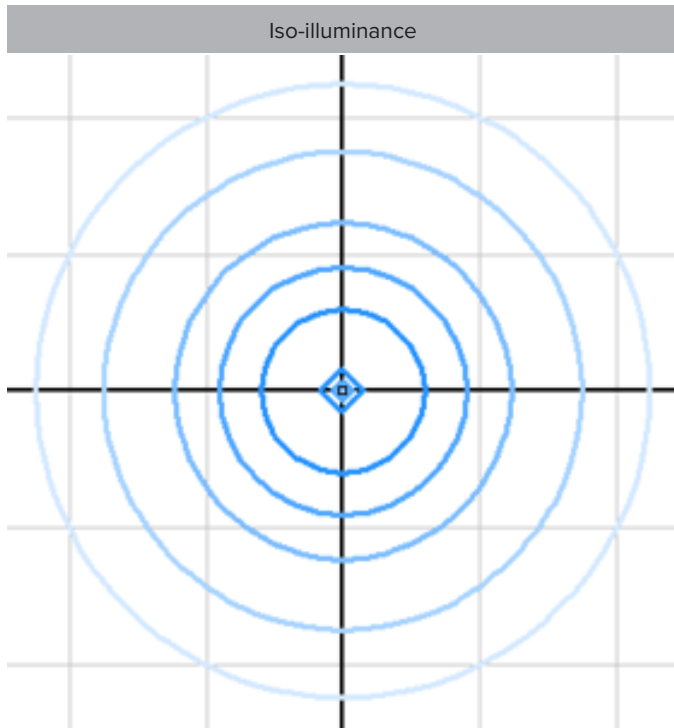
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BOLLARD BL500-TALL

Photometry	IESNA: LM-63-2002
TEST: 14446401.01	TEST LAB: UL LLC
LUMINAIRE: BL500-Tall	DATE: 2022-08-19
IES Classification: Type V	Long. Class: Very Long
Luminaire Lumens	9335 (4000K)
Luminaire Efficacy Rating (LER)	53
Total Luminaire Watts	174.51W
Upward Waste Light Ratio	0.49
Max. Candela	988.5
Max. Cd. < 90° Vertical	988.5
Max. Cd. (At 90 Deg. Vert.)	986.9 (10.6% Luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	988.5 (10.6% Luminaire)
Cutoff Classification	N.A.
BUG Rating	B2-U5-G4

Technical aspects may change without notice.

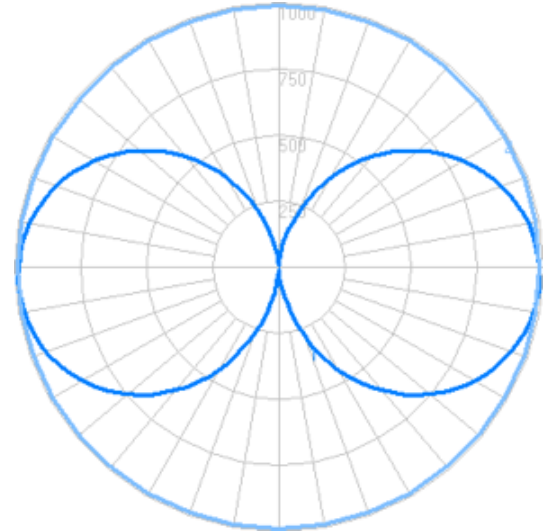
IES Mounting Height for photometry plans: 119" / 9.9'



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

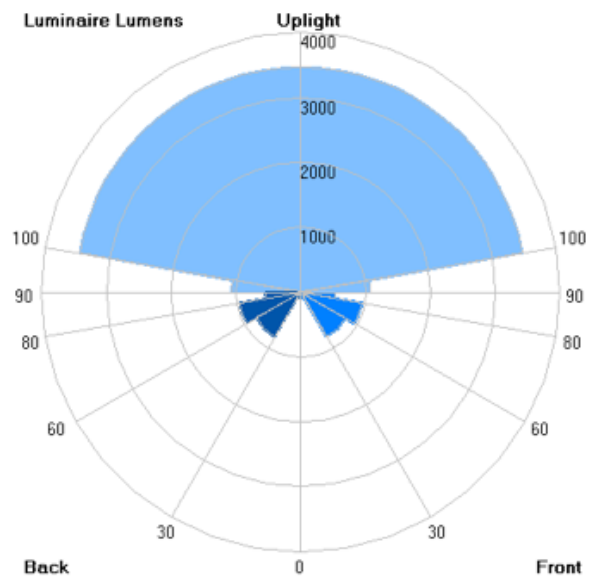
Sample isoilluminance plots. For precise values, use Lumux IES file with photometry software and correct surface reflectances.

Candela



Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	113.0	1.2
FM	(30-60)	793.6	8.5
FH	(60-80)	956.1	10.2
FVH	(80-90)	538.0	5.8
BL	(0-30)	113.0	1.2
BM	(30-60)	793.6	8.5
BH	(60-80)	956.1	10.2
BVH	(80-90)	538.0	5.8
UL	(90-100)	1064.3	11.4
UH	(100-180)	3469.1	37.2
Total		9334.8	100.0



Content of specification sheet subject to change

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LUMINAIRES IN THE COLLECTION

BOLLARDS



BL100



BL110



BL500



BL500-TALL



BL100MOD-D



BL100MOD-F