

LUMUX

BOLLARD

BL500

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 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 corrosion resistant, stainless-steel 316. All fasteners are vandal resistant, stainless-steel screws.

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

Mounting: Secures with galvanized anchor bolts.

Installation: Mounting footplate (refer to diagram).

Finish: Stainless Steel 316. Consult factory for marine grade or anti-microbial finish.

Driver: Constant current and universal input voltage 120/277V, starting temperature rated at -20°F.

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.

CRI: 80

Warranty: 5 year limited warranty.

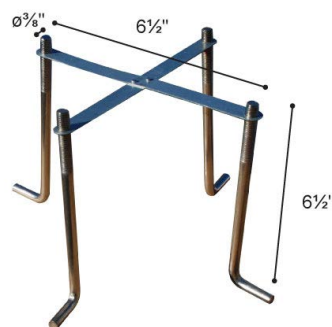
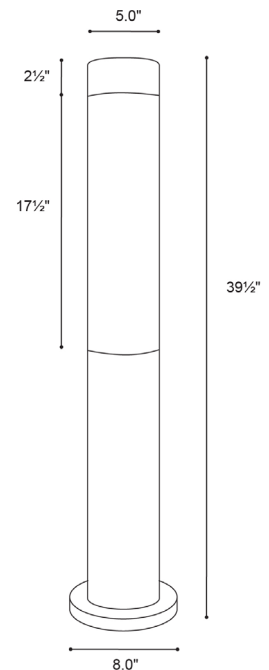
Delivered Lumens & Wattage per Color Temperature:

	2700K	3000K	4000K	WATTS
BL500 / 18W	1070 lm	1120 lm	1170 lm	18W
BL500 / 49W	3000 lm	3160 lm	3300 lm	49W

For higher lumen packages and other color temperatures, please consult with the Lumux sales team.



Dimensions:



Anchor Bolt Pattern

LUMUX

BOLLARD BL500

BL500 is a modern bollard luminaire with factory configurable output-power, perfect for plaza and path lighting.

Ordering Guide

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

¹Consult factory for additional options

²Consult factory for additional pricing on powdercoat finishes

Catalog No.: _____

Performance Specifications BL500 49W	
Flux 3,000 lm (27K) ... 3,300 lm (40K)	LER 62 - 68 lm/W
Power 49W	120-277v input voltage
Starting temp. rated to -20°F	
Dimmable driver (0-10v) option	
Lumen Maintenance*: L70 >100,000 hrs	

Environmental Specifications	
BUG rating B1-U5-G2	
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area 1.4 ft2	Marine Grade option
5-year limited warranty	Made in the USA



Luminaires in this series



BL500



BL500-TALL

*Lumen Maintenance Report: Permlight Technologies
Test Documentation No.: BB56FE Series

Content of specification sheet subject to change

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

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BOLLARD BL500

DATE:

PROJECT:

FIRM:

CATALOG NO.:

COMMENTS:

Photometry

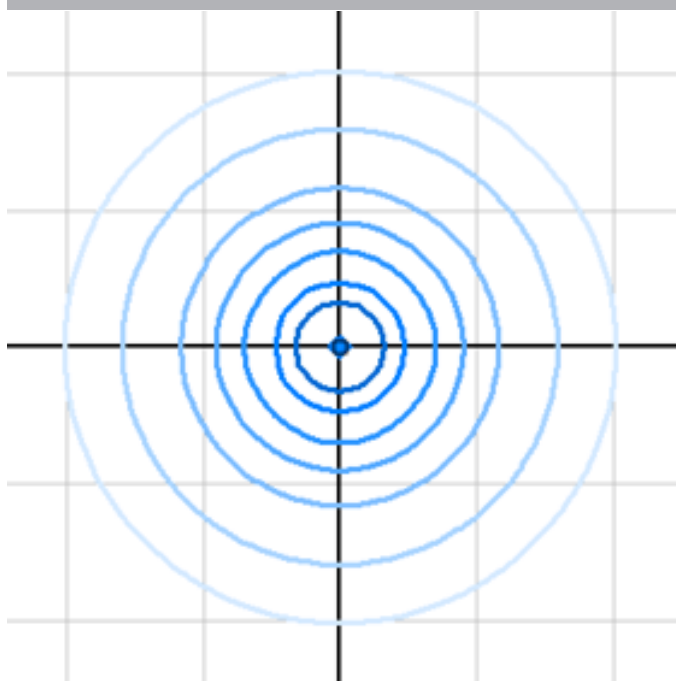
IESNA: LM-63-2002

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'

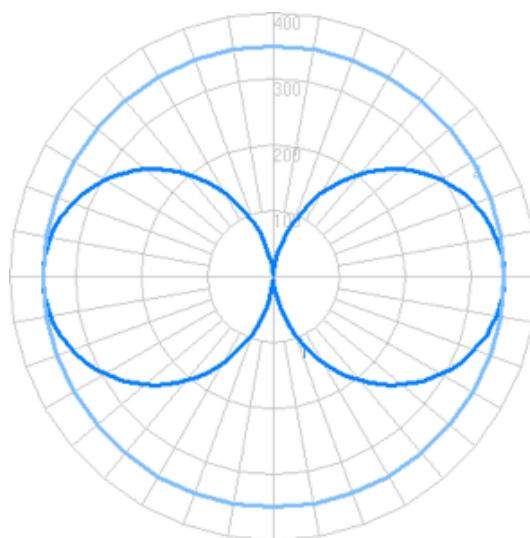
Iso-illumiance



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

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

Candela

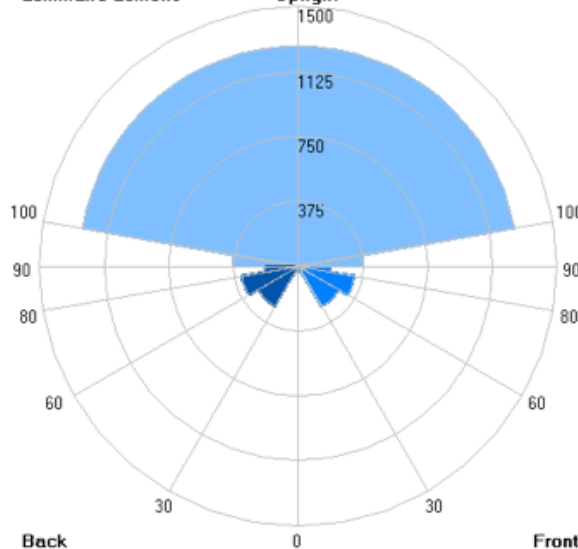


Zonal Lumens

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

Luminaire Lumens

Uplight



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BOLLARD & LIGHT COLUMN

BL500 & BL500-TALL

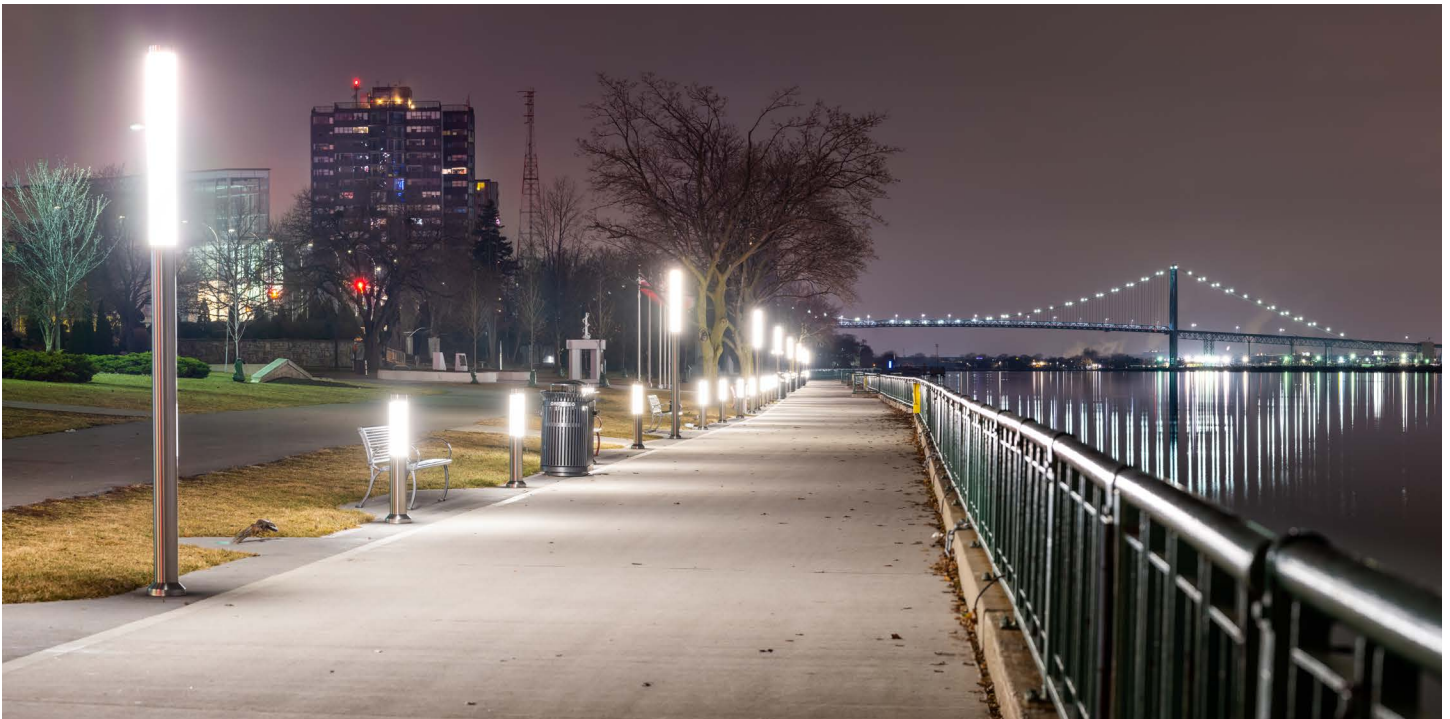
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