

# LUMUX

## PATH LIGHT

### PL500

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

The Lumux PL500 is a precision engineered, inground LED architectural fixture that is designed for durability and performance. Constructed from the highest quality materials and components, the PL500 is an energy-efficient solution for path, landscape, and façade lighting applications.

PL500 offers four different specification options for its cover – one, two, three, or four openings – to achieve the desired light angle and distribution, perfect for decorative lighting and way-finding.

**Housing:** Heavy-duty construction of corrosion resistant, low-copper aluminum die cast. A grade 316 stainless-steel cover is secured with vandal resistant, stainless-steel screws.

**Lens:** 1/8" thick shatter proof clear glass diffuser.

**Mounting:** PL500 is provided with a polymer rough-in box for in-ground installation.

**Finish:** Stainless steel top. Also offered with 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. 0-10v dimming available.

**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:**

PL500	2700K	3000K	3500K	4000K	WATTS	LER	40K
	200	200	220	220	4W	57	lm/W



**PL500**  
Single aperture



**PL500**  
twin apertures



**PL500**  
three apertures



**PL500**  
four apertures



#### Top View Designs:



1 aperture



2 apertures

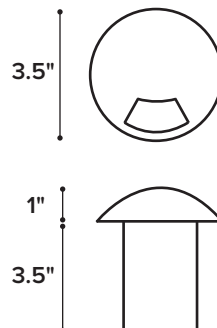


3 apertures



4 apertures

#### Luminaire Housing Dimensions:



#### Concrete pour box dimensions:



\* Flux output for single aperture models

# LUMUX

## PATH LIGHT PL500

PL500 is a discreet wayfinder & pathway light with color options, including turtle-friendly amber, & light aperture configurations.

### Ordering Guide

Catalog No.	LED Color	Color Temp <sup>1</sup>	Voltage	Finish	Options <sup>2</sup>
PL500	White	2700K	120-277v	Stainless Steel	<input type="checkbox"/> 1 aperture <input type="checkbox"/> 2 apertures <input type="checkbox"/> 3 apertures <input type="checkbox"/> 4 apertures
	Amber TF	3000K		Black	
	Red	3500K		White	
	Green	4000K		Silver	
	Blue			Bronze	
			Custom RAL <sup>2</sup>		

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

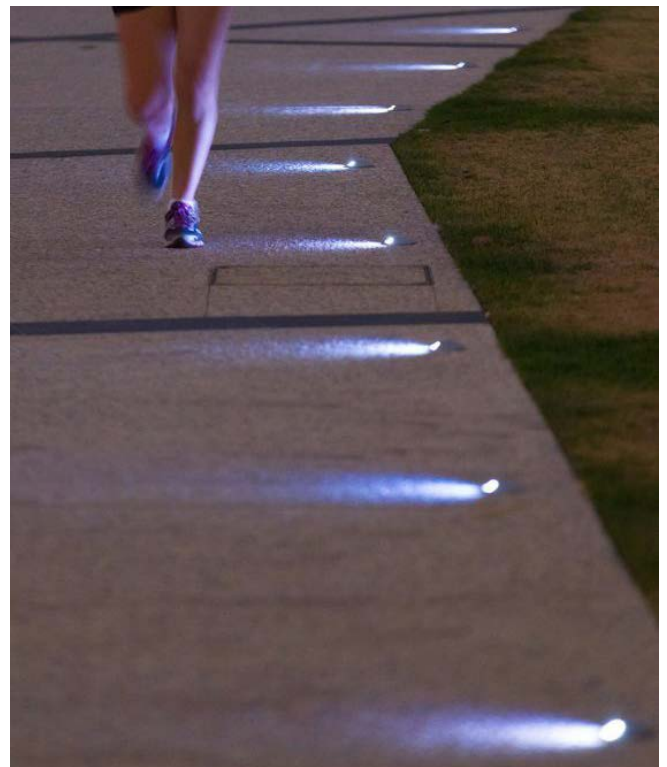
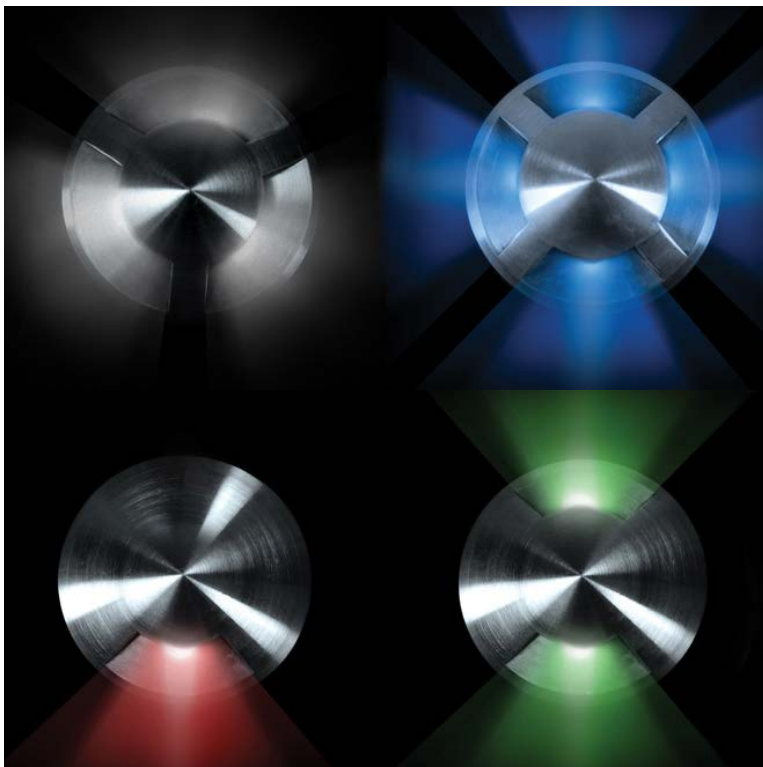
Color temp applies to white light only

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

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

Performance Specifications PL500 single aperture 4000K	
Flux 220 lm	LER 57 lm/W
Power 4W	120-277v input voltage
Starting temp. rated to -20°F	
Dimmable driver (0-10v) option	
Lumen Depreciation*: L70 @ 100,000 hrs	

Environmental Specifications	
Sturdy walk-over stainless cap	Turtle-friendly Amber light option
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area 0.03 ft2	Marine Grade option
5-year limited warranty	Made in the USA



\*Lumen Maintenance Report: Forzlux

Content of specification sheet subject to change

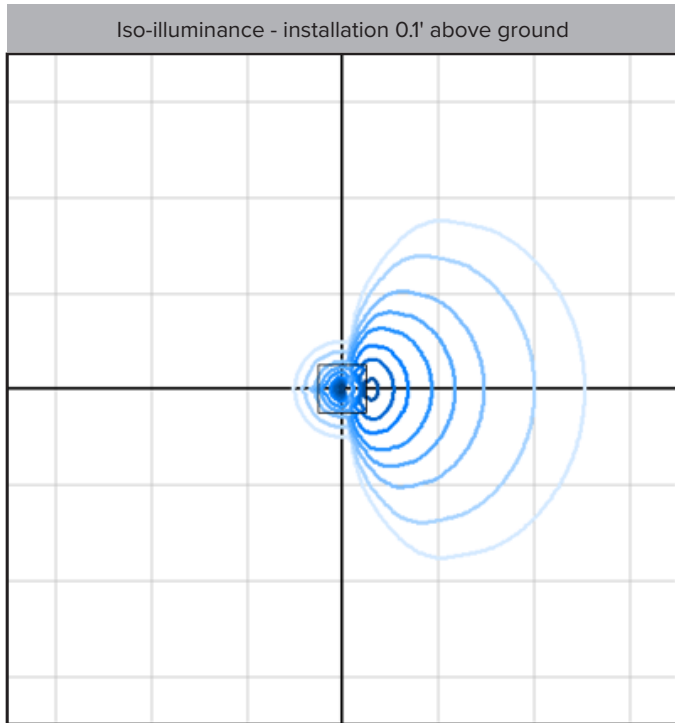
# LUMUX

## PATH LIGHT PL500 (1 APERTURE)

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

Photometry	IESNA: LM-63-2002
TEST: L062313301	TEST LAB: Light Laboratory Inc.
LUMINAIRE: PL500	DATE: 2023-07-17
IES Classification: N.A.	Long. Class: N.A.
Luminaire Lumens	223 (4000K)
Luminaire Efficacy Rating (LER)	57
Total Luminaire Watts	3.91W
Upward Waste Light Ratio	0.82
Max. Candela	165
Max. Cd. < 90° Vertical	128
Max. Cd. (At 90 Deg. Vert.)	130 (58.3% luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	128 (57.4% luminaire)
Cutoff Classification	N.A.
BUG Rating	B0-U3-G1

Technical aspects may change without notice.



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

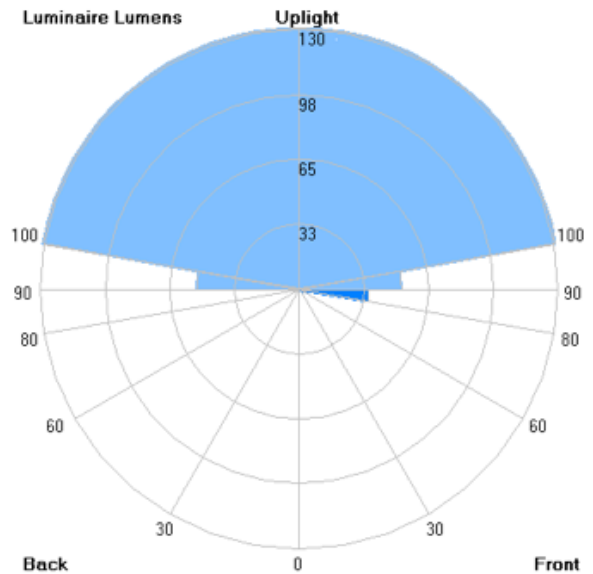
Sample isoilluminance plot. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

### Candela



### Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	0.1	0.1
FM	(30-60)	0.3	0.1
FH	(60-80)	3.0	1.3
FVH	(80-90)	35.0	15.7
BL	(0-30)	0.2	0.1
BM	(30-60)	1.0	0.5
BH	(60-80)	1.1	0.5
BVH	(80-90)	0.5	0.2
UL	(90-100)	51.4	23.0
UH	(100-180)	130.8	58.5
Total		223	100



Content of specification sheet subject to change