

LUMUX

LIGHT COLUMN

PL2014-2

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



PL2014-2 from Lumux is an elegant, architectural light column that excels at defining spaces, both during the day and at night.

PL2014-2 offers a distinctively modern, minimalistic design. Ideal for illuminating plazas, paths, and roadways, PL2014-2 is a powerful outdoor LED solution, with broad, mid, and narrow distribution patterns. PL2014-2 is constructed from heavy-duty aluminum extrusion, providing durability that meets the highest standards. Part of the Lumux lighting collection that includes BL350 bollards, this luminaire is offered in single (PL2014) or twin (PL2014-2) versions, up to 20' in height.

up to **17,000** lm **164**W up to **104** lm/W

Content of specification sheet subject to change

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PL2014-2 is a tall, modern dual-armed plaza, path and driveway light, perfect for area lighting, with specifiable height and light distribution.

Ordering Guide

Catalog No.	Height	LED Color	Color Temp ¹	Voltage	Finish	Options ²
PL2014-2-T2	10'	White	2700K	120-277v	Black	<input type="checkbox"/> 0-10v Dimming
PL2014-2-T3	12'		3000K		White	<input type="checkbox"/> Photozell
PL2014-2-T4	14'		3500K		Silver	<input type="checkbox"/> Occupancy Sensor
	16'		4000K		Bronze	<input type="checkbox"/> Integral Battery Pack
	18'				Custom RAL ²	<input type="checkbox"/> GFCI Dual Receptacle
	20' Max					

¹Consult factory for additional options

²Consult factory for additional pricing

Catalog No.: _____

Performance Specifications	
Flux 17,000 lm (PL2014-2-T2 4000K)	LER 104 lm/W
Power 164W	120-277v input voltage
Starting temp. rated to -20°F	Photocell & Sensor options
Dimmable driver (0-10v) option	Integral Battery Pack option
Lumen Maintenance*: L90 >36K hrs	GFCI Dual Receptacle option

Environmental Specifications	
BUG rating: Zero Uplight	Dark Light Compliant
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area < 20 ft ²	Marine Grade option
5-year limited warranty	Made in the USA



Dimensions

Delivered Lumens & Wattage per color temperature:

	2700K	3000K	3500K	4000K	WATTS
PL2014-2-T2	16,000 lm	17,000 lm	17,000 lm	17,000 lm	164W
PL2014-2-T3	15,000 lm	16,000 lm	16,000 lm	16,000 lm	164W
PL2014-2-T4	14,000 lm	15,000 lm	15,000 lm	15,000 lm	164W

Housing: Heavy-duty construction with corrosion resistant, low-copper aluminum extrusion, secured with vandal resistant, stainless-steel fasteners.

Lens: Sealed one-piece, shatter-proof, clear glass diffuser.

Gasket: Closed-cell silicone foam gasket seals out moisture, dust, and insects, for weather-tight operation. IP65 and ETL listed for wet locations.

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

Installation: Please refer to installation instructions.

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.

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.

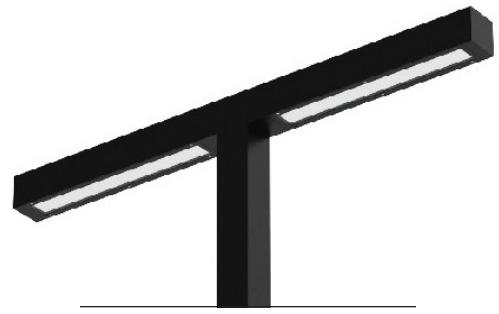
*Lumen Maintenance Report: CREE XLamp XP-G2

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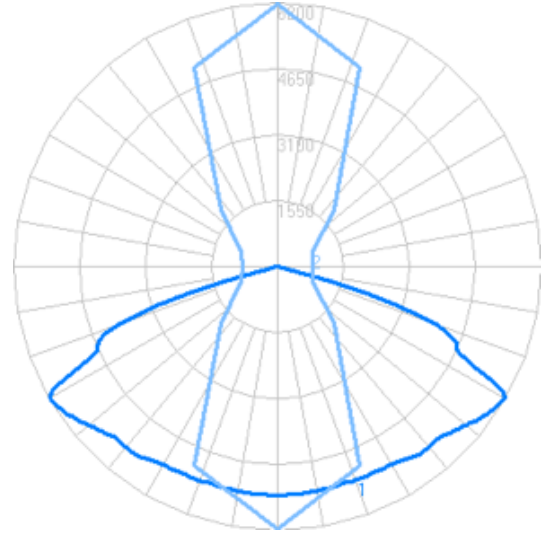
PL2014-2-T2



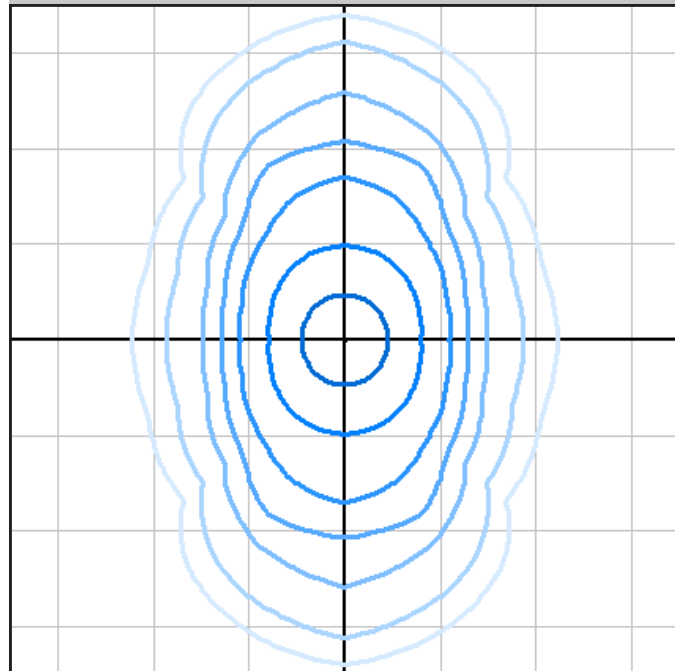
Photometry	IESNA: LM-63-2002
TEST: PL2014-2-T2	TEST LAB: UL Test Lab
LUMINAIRE: PL2014-2-T2	DATE: 2023-08-07
IES Classification: TYPE II	Long. Class: Short
Luminaire Lumens	16,953 (4000K)
Luminaire Efficacy Rating (LER)	104
Total Luminaire Watts	163.63W
Upward Waste Light Ratio	0.00
Max. Candela	6178.8 (90H, 60V)
Max. Cd. < 90° Vertical	6178.8 (90H, 60V)
Max. Cd. (At 90 Deg. Vert.)	5.74 (0.0% Luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	124.65 (0.7% Luminaire)
Cutoff Classification	N.A.
BUG Rating	Zero Uplight

Technical aspects may change without notice.

Candela

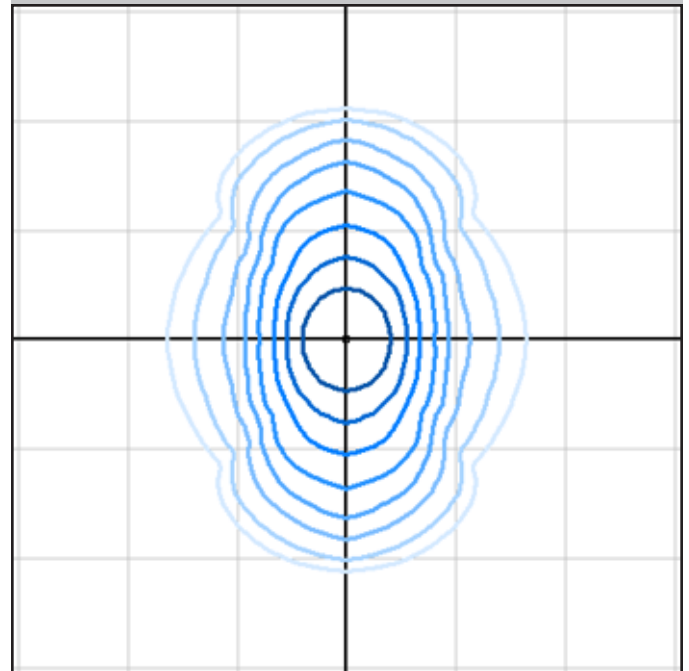


Iso-illuminance: Ground Plane, MH 20' off-ground



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

Iso-illuminance: Ground Plane, MH 12' off-ground



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

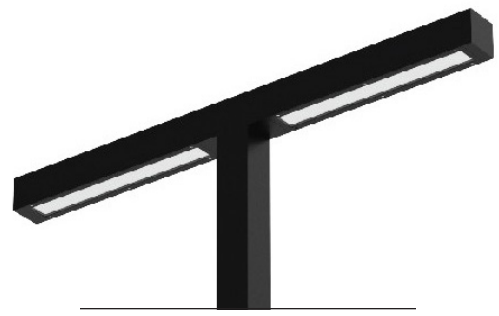
Sample isoilluminance plot. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

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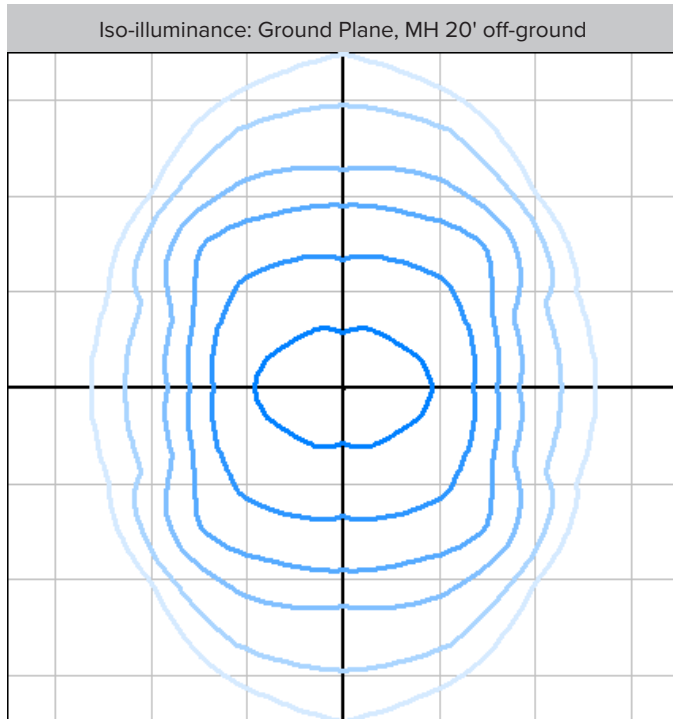
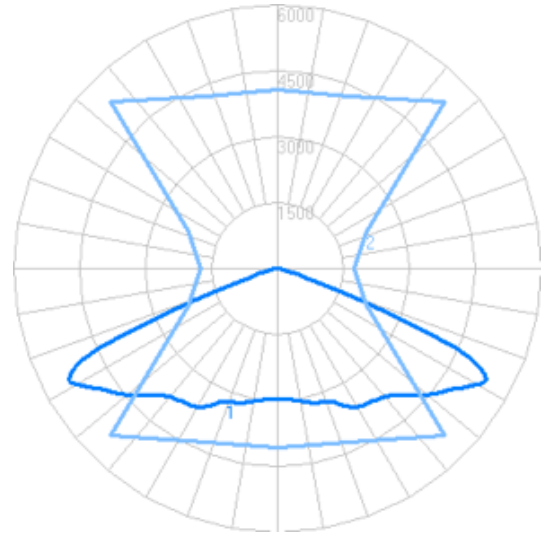
PL2014-2-T3



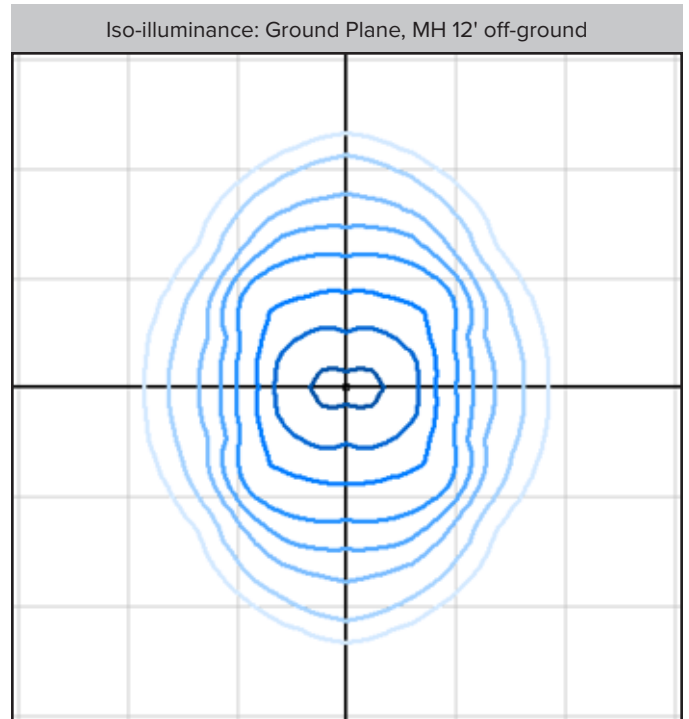
Photometry - per arm	IESNA: LM-63-2002
TEST: PL2014-2-T3	TEST LAB: UL Test Lab
LUMINAIRE: PL2014-2-T3	DATE: 2023-08-07
IES Classification: TYPE VS	Long. Class: Short
Luminaire Lumens	15,948 (4000K)
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	163.63W
Upward Waste Light Ratio	0.00
Max. Candela	5379.47 (135H, 62V)
Max. Cd. < 90° Vertical	5379.47 (135H, 62V)
Max. Cd. (At 90 Deg. Vert.)	12.66 (0.1% Luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	241.33 (1.5% Luminaire)
Cutoff Classification	N.A.
BUG Rating	Zero Uplight

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Candela



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



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

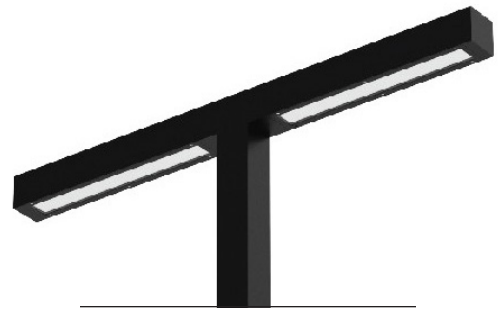
Sample isoilluminance plot. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

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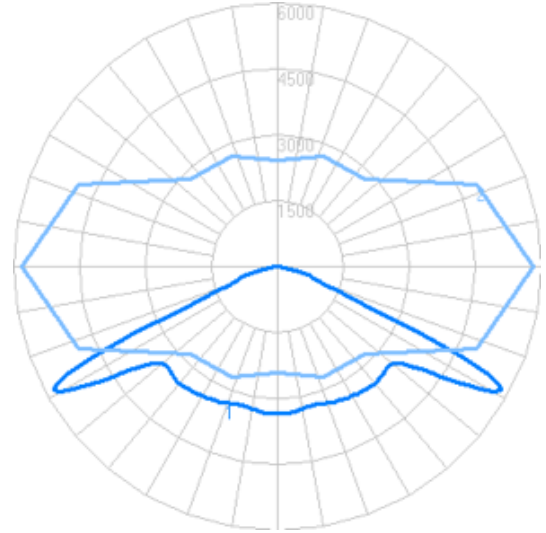
PL2014-2-T4



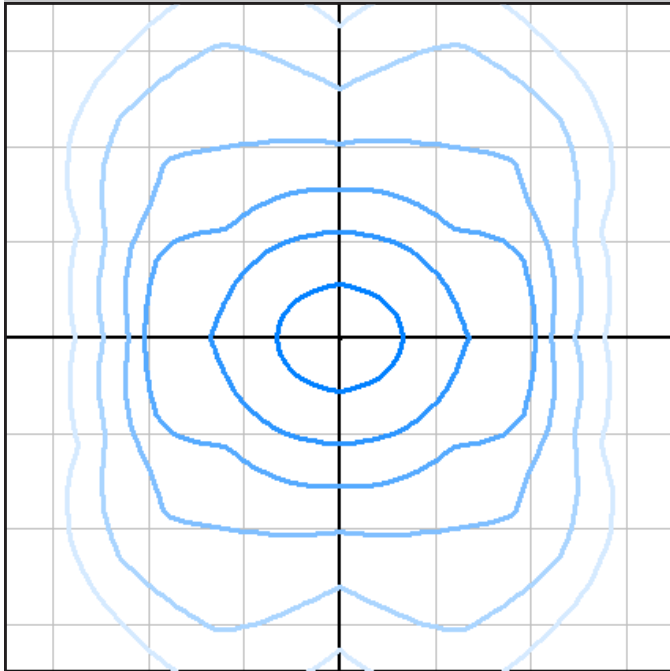
Photometry - per arm	IESNA: LM-63-2002
TEST: PL2014-2-T4	TEST LAB: UL Test Lab
LUMINAIRE: PL2014-2-T4	DATE: 2023-08-07
IES Classification: TYPE VS	Long. Class: Short
Luminaire Lumens	14,986 (4000K)
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	163.63W
Upward Waste Light Ratio	0.00
Max. Candela	5821.4 (180H, 61V)
Max. Cd. < 90° Vertical	5821.4 (180H, 61V)
Max. Cd. (At 90 Deg. Vert.)	13.75 (0.1% Luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	641.88 (4.3% Luminaire)
Cutoff Classification	N.A.
BUG Rating	Zero Uplight

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Candela

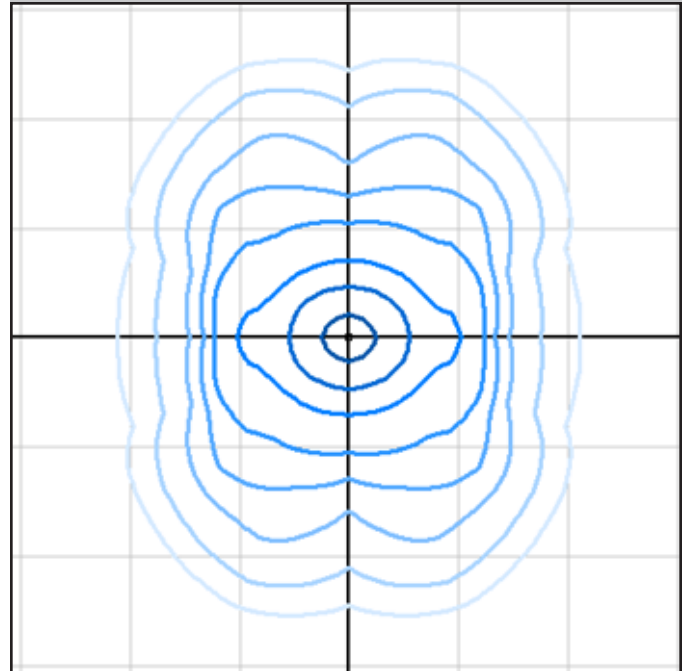


Iso-illuminance: Ground Plane, MH 20' off-ground



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

Iso-illuminance: Ground Plane, MH 12' off-ground



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

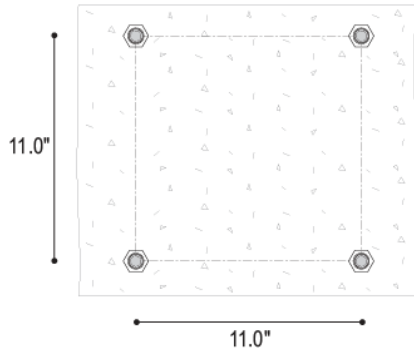
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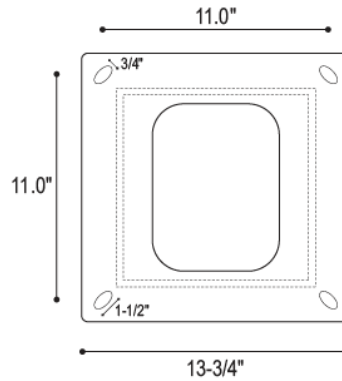
LUMUX

ANCHORAGE & INSTALLATION INSTRUCTIONS

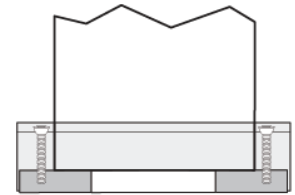
PL SERIES



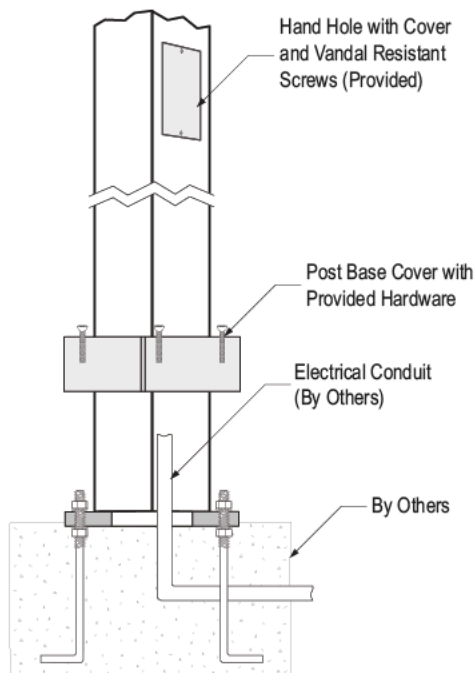
Concrete Anchor Bolt Pattern



Post Mounting Base



Installed Post Base Cover



Installation Assembly

Post is fabricated of high grade aluminum extrusion conforms to **ASTM-A-501-68** specifications. Meets or exceeds minimum yield strength of **46 PSI**.

Anchorage : (4 sets) anchor bolts fabricated of hot rolled steel bar. Minimum yield strength of **50 PSI**. Bolts have "L" bend on one end and are threaded on the other end. Bolts are fully galvanized and are furnished with two nuts and two lock washers.

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LUMUX

LUMINAIRES IN THIS COLLECTION



BL350S

BL350S-2

BL350-2

BL350

PL2014-2

PL2014

LUMUX LIGHTING

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