DATE:

PROJECT:

FIRM:

CATALOG NO: / / / White / / 120-277 / / /

COMMENTS:

LUMUX

POST TOP

PT500 SERIES

MADE IN USA | ETL LISTED US | IP 65 | Quick Ship | Wet | MARINE GRADE | 5 YEAR WARRANTY | DARK SKY COMPLIANT | 120-277v

PT500
Pendant Mount
w/ Canopy

PT500
Wall Mount
w/ Canopy

PT500
Post Mount
w/ Tenon

PT500-SC
Post or Wall Mount
w/ Shepherd's Crook

PT500-SC
Post Top Mount
w/ Shepherd's Crook

The PT500 Series features elegant area down lights, with post, pendant, and wall mount options, with a classic look that excels at defining spaces day and at night.

up to **6,200** lm

60w

up to **104** lm/W

Ideal for illuminating plazas, parks, parking lots, paths, and roadways, PT500 is a powerful outdoor LED solution with broad, mid, and narrow distribution pattern options. PT500 offers a classic design constructed from heavy-duty diecast aluminum, providing durability that meets the highest standards. Mounting options include pendant, wall-mount and post top mounting up to 20' in height, with straight or curved support arms, in arrays up to three luminaires. Part of the Lumux lighting collection that includes PT510 and PT530 models with lighting apertures.

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

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PT500 SERIES OPTIONS
SHADE DESIGN & MOUNTING STYLES

PT500-PTSC
Post Top Mount
w/ Shepherd's Crook

PT510-PTSC
Post Top Mount
w/ Shepherd's Crook

PT530-PTSC
Post Top Mount
w/ Shepherd's Crook

PT500-xxx
Post **-PMSC** or Wall Mount **-WMSC**
w/ Shepherd's Crook

PT510-xxx
Post **-PMSC** or Wall Mount **-WMSC**
w/ Shepherd's Crook

PT530-xxx
Post **-PMSC** or Wall Mount **-WMSC**
w/ Shepherd's Crook

PT500-POST
Post Mount
w/ Tenon

PT510-POST
Post Mount
w/ Tenon

PT530-POST
Post Mount
w/ Tenon

PT500-WALL
Wall Mount

PT510-WALL
Wall Mount

PT530-WALL
Wall Mount

PT500-PEND
Pendant Mount

PT510-PEND
Pendant Mount

PT530-PEND
Pendant Mount

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POST TOP
PT500 SERIES

PT500 is a classic area downlight, with pendant, wall mount, and post top mounting options up to 20' high, with specifable light distribution.

Ordering Guide

Catalog No.	Mounting Type	Beam Shape	LED Color	Color Temp[1]	Voltage	Finish
			White		120-277	
PT500	**PTSC** Post Top SC	**T2** Type 2	White	2700K	120-277v	Black
PT510	**PMSC** Post Mount SC	**T3** Type 3		3000K		White
PT530	**WMSC** Wall Mount SC	**T4** Type 4		3500K		Silver
	POST Post Tenon	**T5** Type 5		4000K		Bronze
	WALL Wall Mount					Custom RAL[1]
	PEND Pendant					

Options[2]

- ☐ 0-10v Dimming
- ☐ Photocell
- ☐ Occupancy Sensor
- ☐ Integral Battery Pack
- ☐ GFCI Dual Receptacle

Select Length for Post Mount Pole Height & Pendant Stem	Length	N°. of Heads

Use drop-down menu to specify height of post and number of heads.

Catalog No.: / / / White / / 120-277 / / /

[1]*Consult factory for additional options and pricing.*

Performance Specifications	
Flux 6,200 lm (PT500-T5 4000K)	LER 104 lm/W
Power 60W	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: B2-U0-G1	Dark Light Compliant
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area < 17 ft2	Marine Grade option
5-year limited warranty	Made in the USA

Housing: Heavy-duty construction with corrosion resistant, low-copper diecast aluminum, 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: Post-mount tenon fits Ø4" poles and secure with set-screws. Post secures with galvanized anchor bolts to contractor installed concrete footing. Standard wall mount and Pendant models secure to junction box with a Ø6.25" canopy, Shepherd's Crook models with a ø5" canopy.

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.

Delivered Lumens & Wattage per color temperature:

	2700K	3000K	3500K	4000K	WATTS
PT500-T2	5,800 lm	6,200 lm	6,200 lm	6,200 lm	60W
PT500-T3	5,800 lm	6,200 lm	6,200 lm	6,200 lm	60W
PT500-T4	5,800 lm	6,200 lm	6,200 lm	6,200 lm	60W
PT500-T5	5,800 lm	6,200 lm	6,200 lm	6,200 lm	60W

Installation: Please refer to installation instructions.

Light Engine: Constant Current driver powering high quality LEDs, with optional 0-10v dimming.

Integral Battery Pack: Optional 10W IBP integral emergency battery pack for post mount lights provides 1,000 lumens with a 90 minute battery life.

Dimensions

PT500-PTSC
Post Top Mount
w/ Shepherd's Crook

PT500-xxSC
Post or Wall Mount
w/ Shepherd's Crook

PT500-PEND
Pendant Mount w/ Canopy

PT500-WALL
Wall Mount w/ Canopy

PT500-POST
Post Mount w/ Tenon

*Lumen Maintenance Report: CREE XLamp XP-G2

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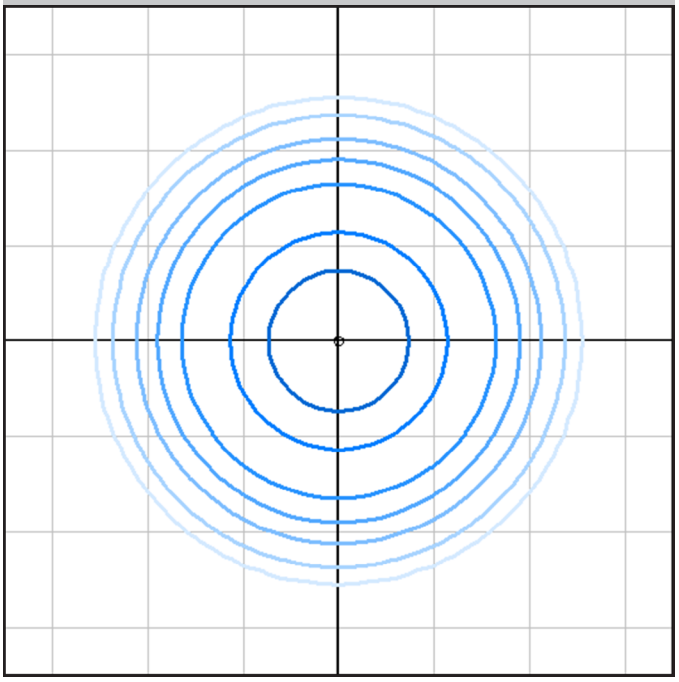
POST TOP

PT500

Photometry	IESNA: LM-63-2002
TEST: L022410201	TEST LAB: Light Laboratory Inc.
LUMINAIRE: PT500	DATE: 2024-02-09
IES Classification: Type V	Longitudinal Class: Very Short
Luminaire Lumens	6206
Luminaire Efficacy Rating (LER)	109
Total Luminaire Watts	59.93
Upward Waste Light Ratio	0.00
Max. Candela	2326 (0H, 30V)
Max. Cd. < 90° Vertical	2326 (0H, 30V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lumaire)
Max. Cd. (80 to <90 Deg. Vert.)	54 (0.9%Luminaire)
Cutoff Classification: n/a	BUG Rating: B2-U0-G1

Technical aspects may change without notice.

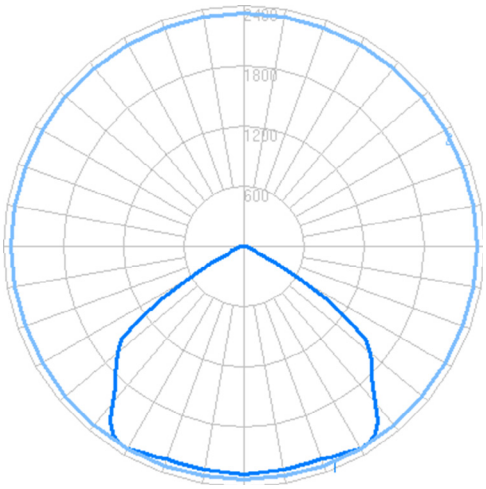
Iso-illuminance: Ground Plane, MH 12' off-ground



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

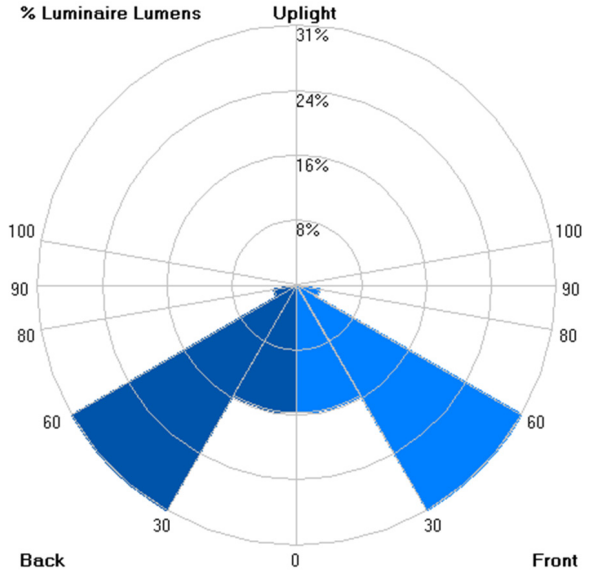
Sample isoilluminance plots. For precise values, use Lumux IES file with photometry software and correct surface reflectances.

Candela



Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	958.3	15.4
FM	(30-60)	1954.4	31.5
FH	(60-80)	173.1	2.8
FVH	(80-90)	17.4	0.3
BL	(0-30)	958.3	15.4
BM	(30-60)	1954.4	31.5
BH	(60-80)	173.1	2.8
BVH	(80-90)	17.4	0.3
UL	(90-100)	0.0	0.0
UH	(100-180)	0.0	0.0
	Total	6206	100.00



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