

FPTA - Fidelux Post Top Series (Acorn)

Product Description

These classically styled commercial post top LED fixtures were designed to seamlessly compliment a new or existing building while delivering the dramatic energy savings of LED. Designed with an internal driver, this type of outdoor area lighting is ideal for new projects or a replacement for existing outdoor accent lighting fixtures.

Features & Benefits

- Standard model: 60W, 5000K, black finish, clear linear lens
- Replaces up to 200W HID
- High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate Lens
- Internal driver
- Near zero maintenance
- Classical look
- Minimal insect attraction
- EPA Wind Rating for 16'-20' - 1.75

Applications

- Parks
- Schools
- Outdoor parking areas
- Sidewalks
- Corporate parks

Mounting Options

- Pole mounting (fits on most poles)

Regulatory & Voluntary Qualifications

- UL, Wet Location, IP65
- Most of our products are DLC listed, qualifying them for the highest rebates. Please check individual product specs for DLC status. Refer to DLC website by clicking this link below: <https://www.designlights.org>
- Category: Outdoor Pole/Arm-Mounted Decorative Luminaires



Performance Summary

Efficacy: 101 l/pw

CRI: 86 cri

CCT: 3000K / 4000K / 5000K

Dimming: Non Dimming

IP Rating: IP65

Operating Temp: -30° - +55°C Ambient

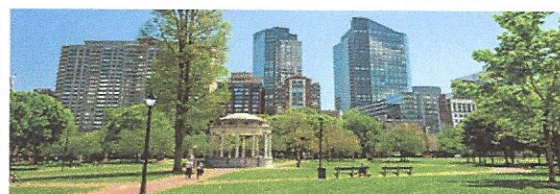
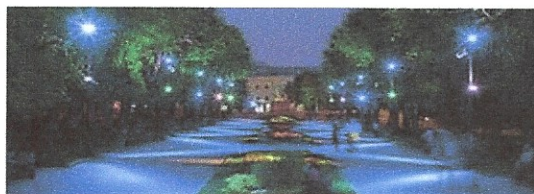
Input Voltage: 120-277vac / 50/60Hz

Beam Distro: Roadway Type VS / NEMA Type 4x3 (60° x 30°)

EPA Wind Rating for pole height of 16'-20': 1.75

Dimension: 2' 9" x 1'-2"

L70 Lifetime : 66,000+ Hrs (TM21 Calculated)



FPTA Series Product Ordering Guide

Example: FPTA-60W-30K-UNV-N-BL

Product	CCT/Color Temp	Voltage	Controls & Dimming	Finish
FPTA-60W	30K (3000 Kelvin)* 40K (4000 Kelvin) 50K (5000 Kelvin)	UNV (120-277vac) STD	N (Non Dimming) STD PC (Internal PhotoCell)	BL (Black) STD CC (RAL #)*

* Special Order = Longer Lead Time

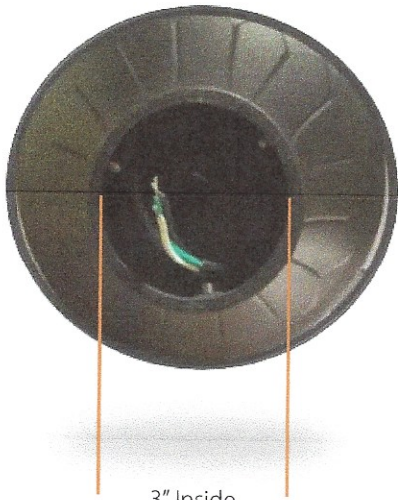
FPTA Series Fixture Materials

Housing Material Aluminium DieCasting & Plastic

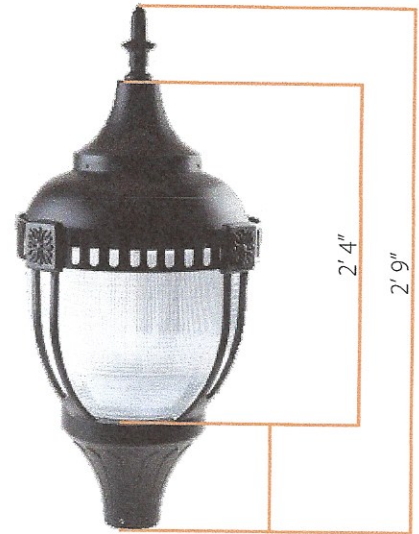
Lens Finish Clear

Lens Material Polycarbonate Clear & High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate Lens available

FPTA Series Design Details & Photometry



3" Inside Diameter



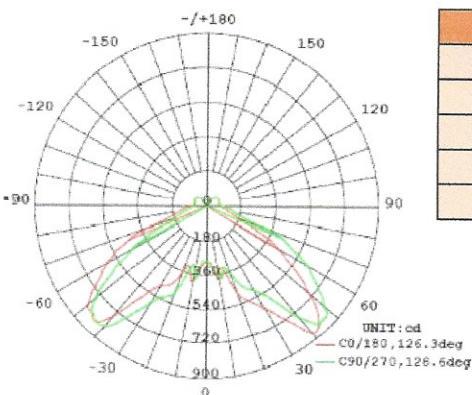
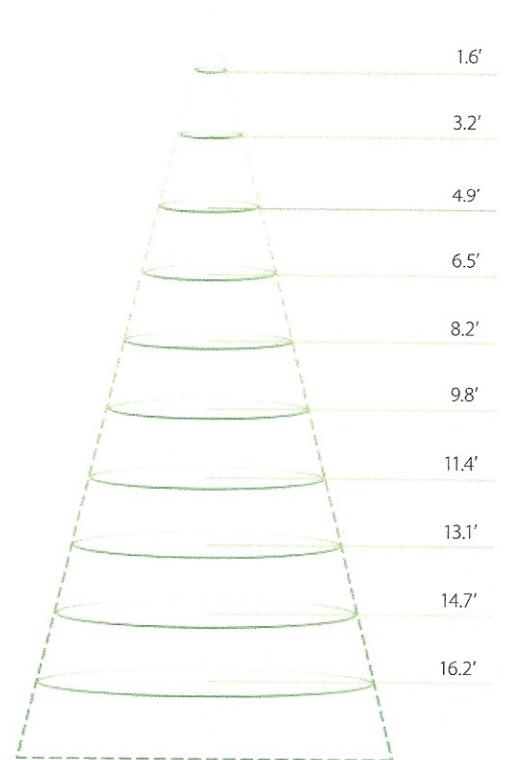
Photometry

FPTA-60W-30K-UNV-N-BL

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminance as the source resulting in a luminaire efficiency of 100%.

Height (ft)	Diameter (inch)	Eavg (lx)	Emax (lx)
1.64	76.77	744.4	1723
3.28	153.54	186.1	430.8
4.92	230.70	82.7	191.5
6.56	307.48	46.5	107.7
8.20	384.64	29.8	68.9
9.84	461.41	20.7	47.9
11.48	538.19	15.2	35.2
13.12	615.35	11.6	26.9
14.76	692.12	9.2	21.3
16.40	769.29	7.4	17.2

Angle: 125.8° Flux out: 2252



	Beam Angle	Field Angle
C0/180	126.3	172
C45/225	125.7	169.2
C90/270	128.6	172.3
C135/315	122.4	168.1
AVG.	125.8	170.4

FPTA Series Specification Summary

Product Number	FPTA-60W
Efficacy @ 5000K	101 L/PW
* Input Power: Watts	57.31
Lumens @ 3000K	5788 (No DLC)
* Lumens @ 4000K	5788 (No DLC)
Lumens @ 5000K	5835
* CRI	86
* THD @ 120VAC	>21.5%
* CCT/Kelvin Temp Options	30/40/50K
* IP Rating	IP65
Dimming	Non Dimming
* Input Voltage Options	AC 120-277v
* Qualifications	UL, DLC 4.4 Standard, (30/40K)No DLC
* NEMA / Roadway Beam Distribution	Cutoff Classification: SEMICUTOFF Roadway: Type V5 / NEMA : 4 (H) x 3 (V)
* Power Factor	0.92
* L70 Lifetime Hours	67,000+ Hrs (TM21)
* Ambient Working Temp	-30°C to +55°C Ambient
* Max Dimensions (in)	14" x 33"
* Total Weight	17.63lbs
* Limited Warranty	10 Yrs. on Fixture / 5 Yrs. on the UV protected non-yellowing polycarbonate Lens

Notes

Values are nominal unless noted +/- 5%
Specifications change without notice