

PCPTS SERIES

LED Post Top Designer

Specifications:

Construction:

Traditional style post top luminaire with decorative cast aluminum cap mechanically attached to optical chamber. Cast aluminum multi-sided cage with UV stabilized acrylic lenses sealed for weather tight operation. Aluminum lower electrical chamber with bottom fitter to mount to 3"OD x 4"H tenon.

Optics:

One piece optical system with internal brass standoffs soldered to the board which can be field replaced. Two-piece die cut silicone and polycarbonate foam gasket ensures weather-proof seal around each individual LED and allows luminaire to be rated for high-pressure hose down applications. The optical cartridge is secured to extruded housing with fasteners and heat pad to ensure thermal conductivity. Optics held into place without use of adhesives and complete assembly is gasketed for high pressure hose down cleaning.

Electrical:

Luminaire equipped with LED driver that operates with 120–277V universal voltage, 50/60Hz and includes 0-10V dimming capability. Power factor is 0.92 at full load. All electrical components rated at 50,000 hours at full load and 25°C ambient conditions. Thermal feedback between PCB and driver to protect luminaire from excessive temperature by reducing drive current as necessary. Surge protection standard with device providing surge current rating of 20kA using 8/20 µSec wave, LSP clamping voltage of 825V and surge rating of 540J.

Finish:

Polyester powder paint finish that is corrosion resistant and resists surface impacts up to 160 inch-pound.

Listing/Certification:

The luminaire bears an NRTL label and is marked suitable for wet locations.

Warranty:

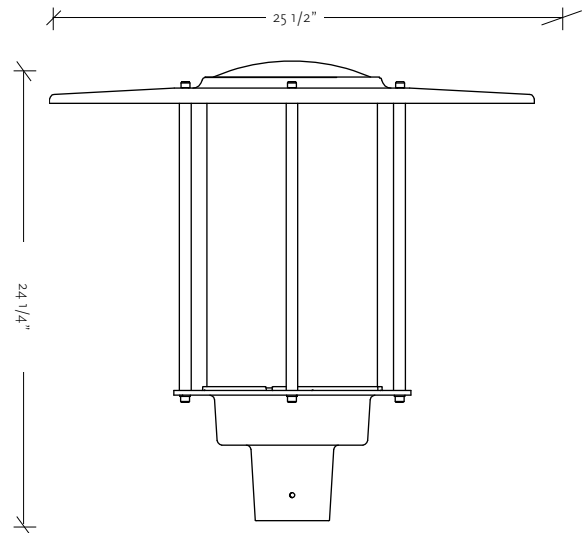
5 year limited warranty covering LED array and LED driver(s).

Images:



Wattage	Lumens*
11W	1100lm
15W	1500lm
20W	2000lm
25W	2500lm
30W	3000lm
35W	3500lm
40W	4000lm
45W	4500lm
50W	5000lm
55W	5500lm
60W	6000lm
65W	6500lm
70W	7000lm
75W	7500lm
80W	8000lm
85W	8500lm
90W	9000lm
95W	9500lm
100W	10000lm

Dimensions & Mounting



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