



PT2-SERIES POLE TOP FIXTURE

Catalog #	
Project	
Date	
Prepared by	
Model #	PT2-504-1

OVERVIEW

These PT2-Series LED Pole Top luminaires are a modern twist on the everyday pathway fixture. With a wide beam angle that provides uniform light, these fixtures are the perfect lighting solution for parking lots, parks and retail settings.



PRODUCT HIGHLIGHTS

- Consumes up to 43% less energy than traditional pole fixtures
- Natural White 4000K color that reduces light pollution
- Designed to work in -40°F / -40°C weather
- Photocell compatible
- Projected lifetime L_{70} of >50,000 hours
- Used in parking lots, corporate parks and retail settings



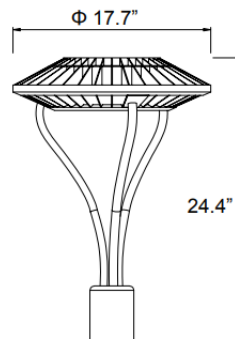
OPTICAL SPECIFICATIONS

Lumen Output (lm)	5400 lm	Beam Angle (°)	120
CCT (K)	4000k	Projected Lifetime (L_{70})	>50,000 hrs
CRI (Ra)	>73	Lumen Maintenance Factor	70% (L_{70})
Efficacy (lm/W)	120 lm/W		

ELECTRICAL SPECIFICATIONS

Power Consumption (W)	50W	Current Draw at 120V _{AC} (A)	0.50A
System Wattage (W)	45.5W	Current Draw at 208V _{AC} (A)	0.30A
Replacement for	Up to 70W HPS	Current Draw at 240V _{AC} (A)	0.25A
Input Voltage	120-277VAC	Current Draw at 277V _{AC} (A)	0.20A

PRODUCT DIMENSIONS



LED & DRIVER SPECIFICATIONS

LED (Brand)	Osram Opto Semiconductors	Power Factor	0.91
LED Design Origin	Germany	THD	<19.27%
LED Type	DURIS 3030	Driver Class	Class 2
Dimmable	No	Surge Protection	3 kV
Photocell Compatible	Yes		

CONSTRUCTION

Housing Material	Die Cast Aluminum ADC12
Housing Color	Black
Lens Material	Tempered Glass
Dimensions (inch/mm)	17.7" (Φ) x 24.4" (H) 450mm (Φ) x 620mm (H)
Weight (kg/lbs)	6.2 kgs / 13.7 lbs
Installation Method	Fits 3" Post Top Tenon
Operation Range (°C/°F)	-40°F to 122°F -40°C to 50°C
Warranty	10 Years (Driver & LED)

APPROVALS & LISTINGS

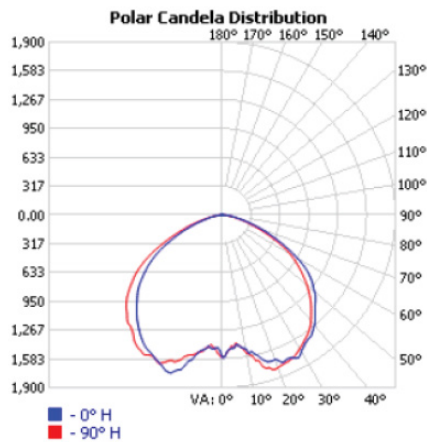
DLC Premium	PO3QSG8T
UL/ETL Listed	cETLus
UL/ETL File Number	4008363
EPA Rating	1.2
IP Rating	IP65
Glare Rating	40.7

Rated Lifetime ¹	
Models	Lumen Output = 70% of Initial (L ₇₀) ²
PT2-504	>50,000 hrs
PT2-1004	>50,000 hrs

1. Rated Lifetime projected the time needed for the fixture to drop its lumen output to 90% and 70% of its initial value, which was measured based on IESNA LM-79-80 luminaire test reports.

2. Calculations are based on ISTMT (In Situ) luminaire test report, estimated rated lifetime (hours) at T_{a,o}=25°C (ambient temperature).

POLAR CANDELA DISTRIBUTION



ILLUMINANCE AT A DISTANCE

