

Model #	
Type	
Project	
Date	

PT2-SERIES

LED POLE TOP LUMINAIRES

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.



HIGHLIGHTS

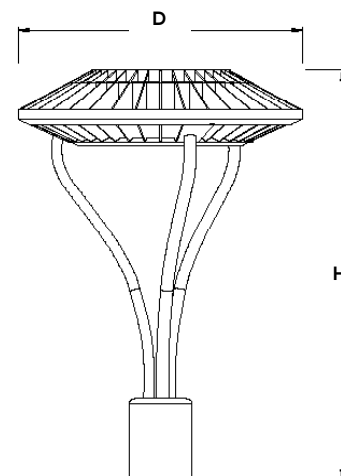
- Up to 131 lumen/W
- Modern matte black finish to easily complement any environment
- Designed to work in -40°F / -40°C weather
- IP65 and Wet Location rated
- Projected lifetime L70 of >50,000 hours
- Used in parking lots, corporate parks and retail settings
- Backed by a worry-free 10 year warranty



APPLICATIONS

Used in parking lots, corporate parks and retail settings.

DIMENSIONS				
VOLTAGE (V)	POWER (W)	D (inches/mm)	H (inches/mm)	WEIGHT (kg/lbs)
100-277V	50	Ø17 3/4" (450mm)	24 7/16" (620mm)	6.2kg / 13.7lbs
	100	Ø17 3/4" (450mm)	24 7/16" (620mm)	6.2kg / 13.7lbs
	150	Ø17 3/4" (450mm)	25 9/16" (650mm)	7.5kg / 16.5lbs



ORDERING GUIDE					
SERIES	-	POWER (W)	CCT	-	VOLTAGE
PT2	-	50: 50W 100: 100W 150: 150W	4: 4000K	-	1: 120-277V
MODEL SELECTION					
SERIES	-	POWER (W)	CCT	-	VOLTAGE
PT2	-	50	4	-	1

EXAMPLE: PT2-504-1

PRODUCT FEATURES

CONSTRUCTION

- Die-cast aluminum
- Tempered glass lens
- Matte black housing color

INSTALLATION

- Max. pole/tenon diameter: 3" Min.
pole/tenon diameter: 1-3/4" with
screws provided Max. depth of
adapter: 3-3/8"

ELECTRICAL

- "-1" models designed to operate
between 120-277V
- TRIAC dimming
- Power factor >0.9
- THD <20%

LISTINGS & RATINGS

- cETLus
- Wet Location
- IP65
- Listed for use in
-40°C to 50°C / -40°F to 122°F

RATED LIFE & WARRANTY

- LED system: >50,000 hours at L70
- 10 year warranty
(visit premiseled.com/warranty/)

ORDERING INFORMATION								
INPUT VOLTAGE	POWER (W)	CCT (K)	MODEL NUMBER	DELIVERED LUMENS (lm)			EFFICACY (lm/W)	
100-277V	50W	4K	PT2-504-1	5,487 lm			120 lm/W	
	100W	4K	PT2-1004-1	11,068 lm			120 lm/W	
	150W	4K	PT2-1504-1	18,989 lm			131 lm/W	
PACKING INFORMATION								
MODEL		CASE QUANTITY			PALLET QUANTITY			
50W		CASE OF 1			46			
100W		CASE OF 1			46			
150W		CASE OF 1			46			
ELECTRICAL INFORMATION								
INPUT VOLTAGE	POWER (W)	APPARENT POWER (VA)	SYSTEM POWER (W)	CURRENT DRAW AT 120V _{ac}	CURRENT DRAW AT 208V _{ac}	CURRENT DRAW AT 240V _{ac}	CURRENT DRAW AT 277V _{ac}	CURRENT DRAW AT 347V _{ac}
100-277V	50W	-	45.5W	0.500A	0.300A	0.250A	0.200A	-
	100W	-	91.0W	0.900A	0.500A	0.450A	0.400A	-
	150W	144.3VA	144.3W	1.250A	0.720A	0.625A	0.541A	-
INPUT VOLTAGE	POWER (W)	INRUSH CURRENT (A)			DRIVER SURGE PROTECTION			
100-277V	50W	<60A			3 kV			
	100W	<60A						
	150W	<60A			6 kV			

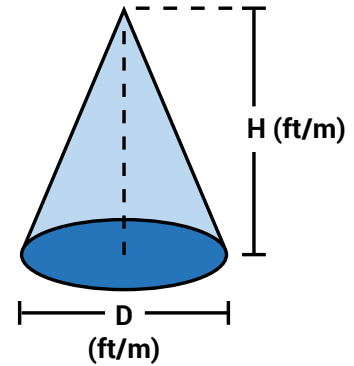
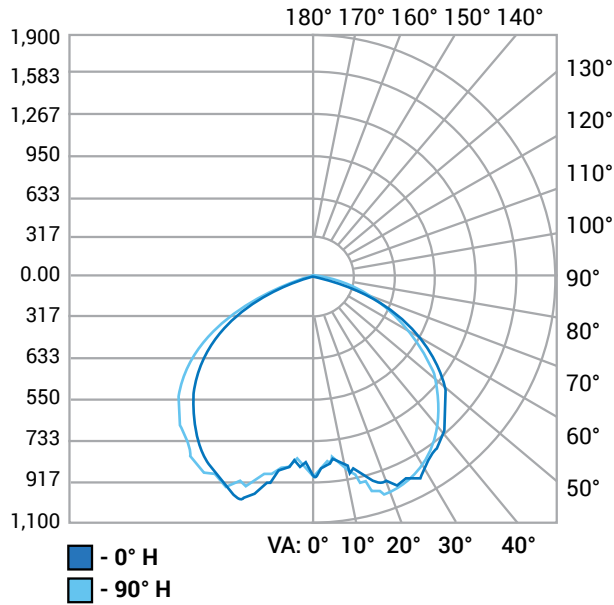
PHOTOMETRIC INFORMATION

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
50W

VOLTAGE
100-277V



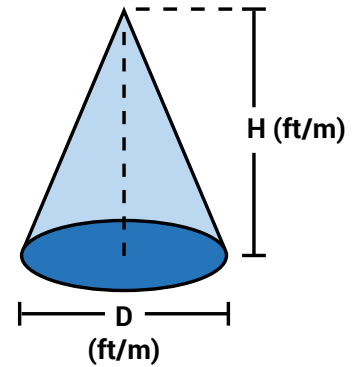
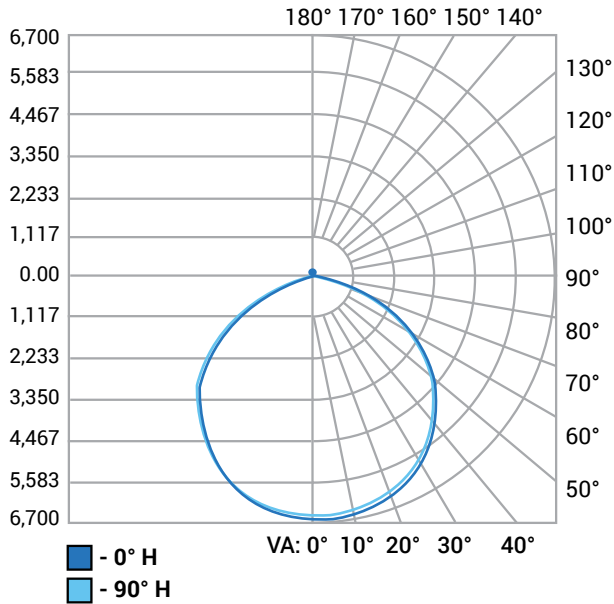
H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	390.8	36.3	21.7' (6.6m)
9.8' (3m)	173.7	16.1	32.5' (9.9m)
13.1' (4m)	97.7	9.1	43.4' (13.2m)
16.4' (5m)	62.5	5.8	54.2' (16.5m)
19.7' (6m)	43.4	4.0	65.4' (19.9m)

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
150W

VOLTAGE
100-277V



H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	1,655.5	153.8	19.7' (6.0m)
9.8' (3m)	735.8	68.4	29.2' (8.9m)
13.1' (4m)	413.9	38.5	39.1' (11.9m)
16.4' (5m)	264.9	24.6	48.9' (14.9m)
19.7' (6m)	183.9	17.1	58.8' (17.9m)

*Based on operation at 4000K & 100V.

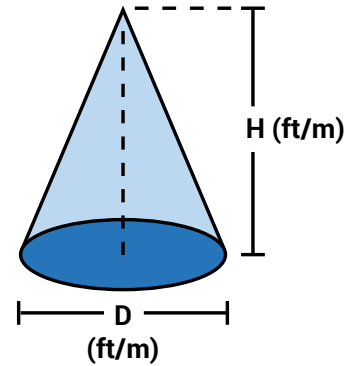
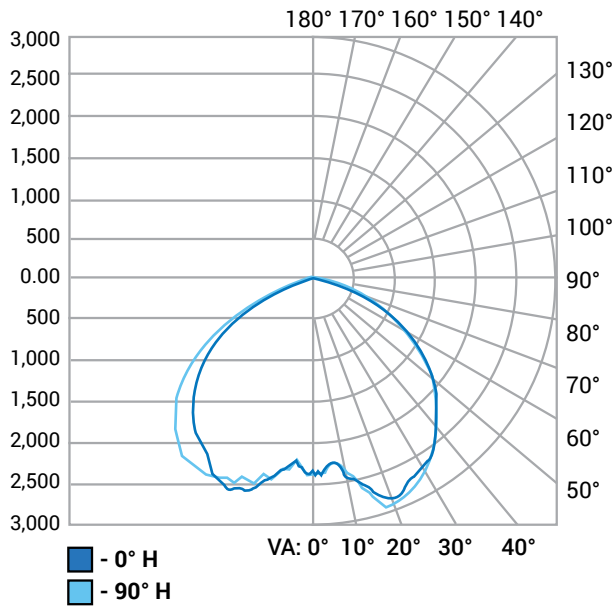
PHOTOMETRIC INFORMATION

POLAR CANDELA DISTRIBUTION

ILLUMINANCE AT A DISTANCE

POWER
100W

VOLTAGE
100-277V



H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	790.3	73.4	20.7' (6.3m)
9.8' (3m)	351.3	32.6	30.9' (9.4m)
13.1' (4m)	197.6	18.4	41.1' (12.5m)
16.4' (5m)	126.5	11.8	51.6' (15.7m)
19.7' (6m)	87.8	8.2	61.8' (18.8m)

*Based on operation at 4000K & 100V.