LUMINOSO
LED LIGHTING

Project:		Date
Type:		
Model:		

DESCRIPTION

The CPT Acorn LED Post Top brings a modern, high-performance upgrade to a classic fixture design. Engineered with advanced LED technology, it delivers maintenance-free operation while significantly reducing energy consumption. Its sleek, low-profile housing features selectable wattages and color temperatures (3500K, 4000K, 5000K via dip switch), allowing tailored performance for any environment. Ideal for illuminating large outdoor spaces such as parking lots, corporate campuses, retail centers, pathways, municipalities, and other general lighting applications, the CPT Acorn blends contemporary style with long-lasting efficiency.

FEATURES

- Die-cast aluminum housing featuring integrated heat sink design for efficient thermal management.
- Anti-static powder coat.
- The optically engineered PC cover ensures uniform light distribution with virtually no dark spots, meeting the stringent standards of DLC Premium 5.1.
- Voltage: 120-277VAC / 277-480VAC
- 0-10V, dimming to 10%.
- Wattage selectable: 100W/80W/60W and 80W/60W/40W
- CCTS: 3500K / 4000K / 5000K
- Optics: Type 5M
- 135Lm/W
- Operating Temp: -40ºF to 122ºF
- UL listed for IP65 Rated

ORDER INFORMATION

EXAMPLE: CPT-WS80-Y-CCTS-T5-BK

3 CCT SELECTABLE | **POWER SELECTABLE** | **RoHS COMPLIANT** | **IP65 Rated** | **50,000 Hours** | **5 YEAR LIMITED WARRANTY** | **UL CERTIFIED** | **DLC LISTED PREMIUM** Pending

| Series	Wattage Selectable	Voltage	CCT Selectable	Optics	Finish	Motion Sensor
CPT LED Acorn Post Top	**WS80** (80W / 60W / 40W) **WS100** (100W / 80W / 60W)	**Y** 120-277V **HV** 277-480V	**CCTS** 3500K / 4000K / 5000K (Color Temp. Selectable)	**T5** 5M	**BK** Black	**Blank** Blank = None **MS** Motion Sensor **PIR** Infrared Sensor

Enter configuration: _____

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

PERFORMANCE DATA (Wattage & CCT Selectable)

Series	CPT-80W	CPT-100W
Wattage Selectable	80W / 60W / 40W	100W / 80W / 60W
CCT Selectable	3500K / 4000K / 5000K	
Lumens	10,800 /8,100 / 5,400	13,500 / 10,800 / 8,100
Efficacy (LPW)	135Lm/W	135Lm/W
IP Rating	IP65 Rated	
CRI	Ra >70	
Input Voltage	AC120-277V, 277-480V	
Certifications	UL listed	
Operating Temp.	-40ºF to 122ºF	
PF	>0.95	
Dimming	0-10V (10% to 100%)	

DIMENSIONS

18.1"

39.8"

3"
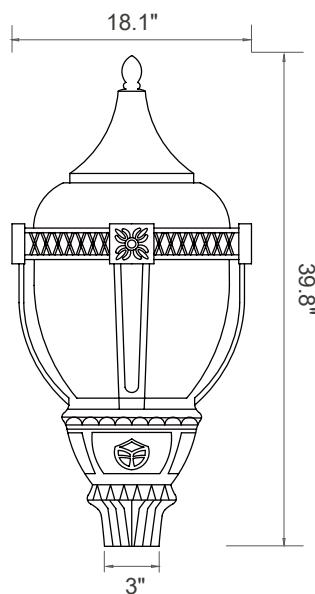
ACCESSORIES

Infrared Sensor

Microwave Sensor

PHOTOMETRICS DATA

UNIT:cd
V 0.0DEG PLAN,179.1
H 0.0DEG PLAN,180.2

AVERAGE BEAM ANGLE(50%):179.6 DEG

Type V
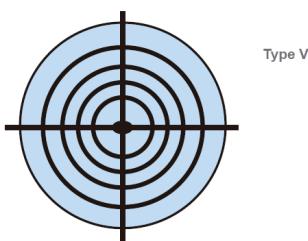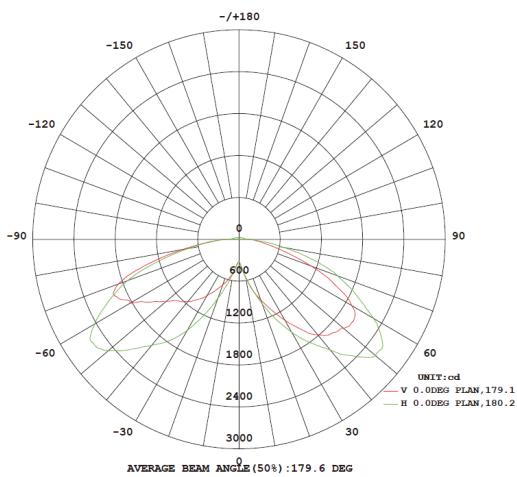
Gross & Net Weight	CPT-60W / CPT-120W
GW / NW	22.82 Lbs / 16.53 Lbs