

**FEATURES**

- Most efficient LED replacement lamp on the market - as much as 105 lpw
  - Patented individual LED heatsink provides unrivaled thermal control
  - Superior optical control through a proprietary lensing process
  - LEDs maintain greater than 90% of initial light output after 60,000 hrs
  - The only LED replacement lamp with independent heatsink
  - Available in 30W and 45W
  - Choice of 5 color temperatures
  - Medium to mogul enlarger socket provided
  - Typically replaces 70W to 175W HID
- \* Must be operated base down*



*Acorn cover not included. Existing acorn fixtures will still function with LED lighting.*

*Lamp comes standard as Mogul base. Medium to Mogul Enlarger Socket (shown right) included.*



**OPTICAL PERFORMANCE**

- Choice of 2300K, 2700K, 3000K, 4000K, 5000K color temperature
- Superior optic control distributes light directly to the task
- CRI > 70

**ELECTRICAL SPECIFICATIONS**

- Power Input: 120-277 VAC 50/60Hz
- Power Factor: ≥95%
- THD <20% at full load
- Operates in -40°C to 40°C ambient temperatures

**TEST & CERTIFICATIONS**

- ETL Listed
- UL 1993
- CSA C22.2 No. 1993-12
- LM79, LM80
- RoHS Compliant (optional)
- 5 year limited warranty
- L90 - 60,000 hours at 40°C - compliant with IESNA TM-21

**TYPICAL APPLICATIONS**

- Streetscapes
- Apartment Complexes
- University Campuses
- Bike Paths
- Municipalities
- Community Park and Recreation

**POST-TOP HID REPLACEMENT LAMP**

1. Model	2. Type	3. Wattage	4. Color Temp.	5. Finish	LED vs. Typical HID	
C0820	PT - Post-Top	30W - 3,000 lumens	23K - 2300K	W - White	30W	70W-100W
		45W - 4,500 lumens	27K - 2700K		45W	100W-175W
			30K - 3000K			
			40K - 4000K			
			50K - 5000K			
Example: C0820 - PT - 45W - 50K - W						
1 2 3 4 5						

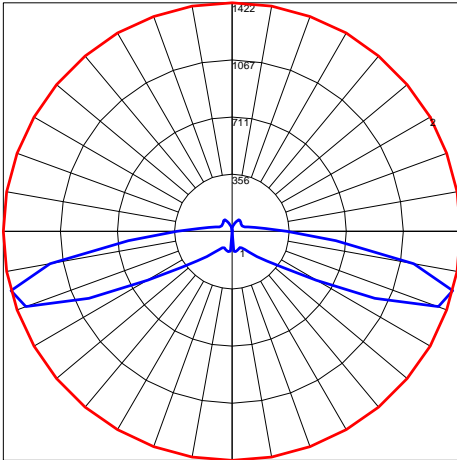


The following lamps are listed as LDL qualified product:

- C0820-PT-30W-40K-W
- C0820-PT-30W-50K-W
- C0820-PT-45W-30K-W
- C0820-PT-45W-40K-W
- C0820-PT-45W-50K-W

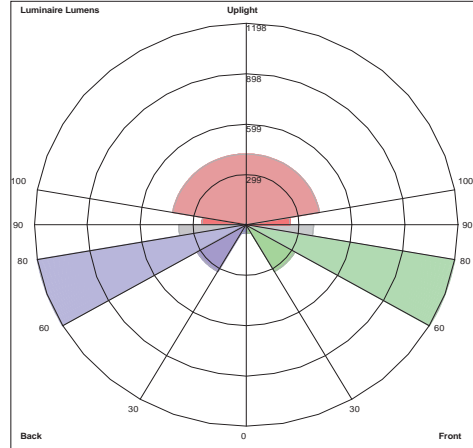
ILLUMINATION DIAGRAM

POLAR GRAPH



Maximum Candela = 1422. Located At Horizontal Angle = 0, Vertical Angle = 75  
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
 # 2 - Horizontal Cone Through Vertical Angle (75) (Through Max. Cd.)

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
 Front: Low=48.9, Medium=318.7, High=1197.6, Very High=379.8  
 Back: Low=48.9, Medium=318.7, High=1197.6, Very High=379.8  
 Uplight: Low=248.1, High=420.7

BUG Rating : B3-U3-G3

DIMENSIONS



- Comes standard as a mogul base. Medium to mogul enlarger socket included.
- Universal voltage operation from 120-277V
- Bypasses the HID ballast and provides 120-277V line voltage directly to socket
- Must be operated base down.

