

### Features

- Patented “Independent Pixel Heat Sink” resulting in unrivalled heat dissipation
- Easily accessible high efficiency power supply
- Customizable lens distribution & color temperature depending on application requirements (optional)
- Unique lightweight aluminum housing design
- Electro-statically applied polyester powder coat finish
- IP65 weather protection
- Design Light Consortium (DLC) qualified
- Highly efficient global brand LEDs for exceptional quality, reliability and lumen maintenance



### Optical Performance

- Color temperature: 4000K - 5000K
- Custom beam pattern (optional)

### Electrical Specifications

- Power input: 85-277 VAC 50/60Hz
- Power factor: ≥90%
- THD <20% at full load
- 0-100% dimming control (optional)
- 347 VAC (optional)
- Driver life time: 50,000 hr

### Test & Certifications

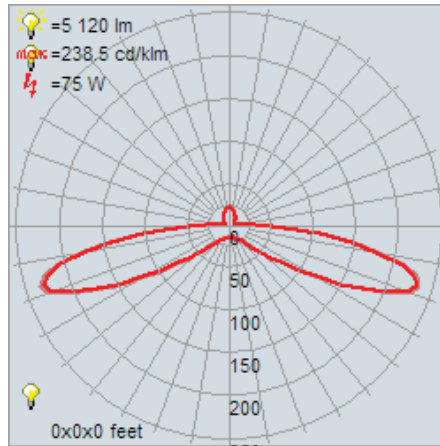
- ETL Pending
- UL standard 1598 & 8750 and 1012
- CSA C22.2 No.107.1 and No.250.0
- LM79, LM80
- RoHS compliant (optional)



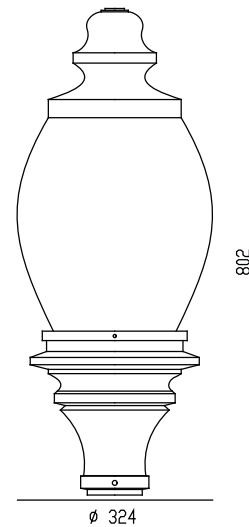
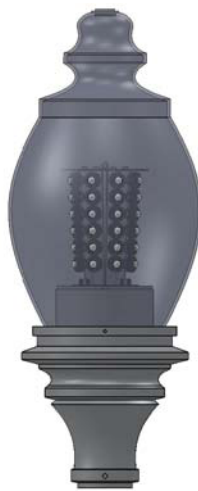
## LED Performance Specifications

Group	Item	Unit	Value	Group	Item	Unit	Value
Electrical Specification	Voltage	V	110/277	Ambient Condition	Operating temperature	Celsius	-30 ~ +55
	Frequency	Hz	50/60		Operating humidity		
	Current	A	0.29	Mechanical Specification	Housing color		white
	Power	W	30 /45		Dimensions	inch	12.8 x 31.6
Optical Specification	Lumens	lm	3250 / 4800		Lens material		PC
	Light efficiency	lm/w	108		Base material		Aluminum
Color Specification	CRI		70	Base			E26/E27/E39
	CCT	K	4500k - 5000k				

## Illumination Diagrams



## Dimensions



## Ordering information

1. Product Series	2. Mounting Option	3. Wattage	4. Color Temperature	5. LED Current	6. Finish	7. Accessories
C0820 - General Lighting	PT - Post Top	30 W / 45W	4000 - 4000K 5000 - 5000K	400 mA	W - White Y - Yellow B - Black S - Silver	N - None P - Photo Sensor D - Dimming Control (0-100%)

Example: C0820 - PT - 30W - 5000 - 400 - W - N  
 1 2 3 4 5 7 8