

# P8046 SERIES

4IN LED Eyeball • Damp location listed



## Description:

The P8046 is ideal for use in both new construction as well as remodel/retrofit. Light output is comparable to that of a 50W incandescent lamp. P8046 is equipped with both Edison base adapter and quick link connector allowing easy installation in many standard incandescent recessed housings. Satin White finish.

## Specifications:

- White finish.
- Diffused polycarbonate lens controls direct glare from the LEDs.
- 360° positioning and 30° tilt.
- Easy "Push and Twist" installation with (3) friction spring clips.
- Can be installed in most competitors 4" recessed housings.
- Dimmable to 10% with many Triac/Forward Phase dimmers.
- 652 lumens (delivered).
- Suitable for use in IC or NON-IC Applications.
- Provided with quick link for use with E26 Edison Base adapter.
- This product is not available for sale into the State of California.
- 6" of wire supplied
- ENERGY STAR® qualified
- Meets California Title 24 JA8-2016

## Performance:

Input Power	9w
Input Voltage	120 V
Input Frequency	60 Hz
Lumens/LPW	652/72.4 (LM-79)
CCT	3000 K
CRI	90 CRI
Life (hours)	50,000 (L70/TM-21)
EMI/RFI	FCC Title 47, Part 15, Class B
Min. Start Temp	-30 °C
Max. Operating Temp	30 °C
Warranty	5 year warranty
Labels	cCSAus Damp location listed
	ENERGY STAR® qualified
	Meets California Title 24 JA8-2016

## Images:

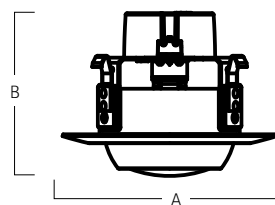
### P8046-28-30K



## Dimensions:

(A) Outside Diameter: 5.2"

(B) Height: 3.8"



**Photometrics:**

## P8046-28-30K

ELECTRICAL DATA	P8046-28-30K
Input Voltage	120 V
Input Frequency	60 Hz
Input Current	0.077 A
Power Factor	>0.90
THD	<20%
EMI Filtering	FCC Title 47, Part 15 Class B
Operating Temperature	-30 °C to 30 °C
Dimming	Yes*
Over-voltage, over-current, short-circuit protected	

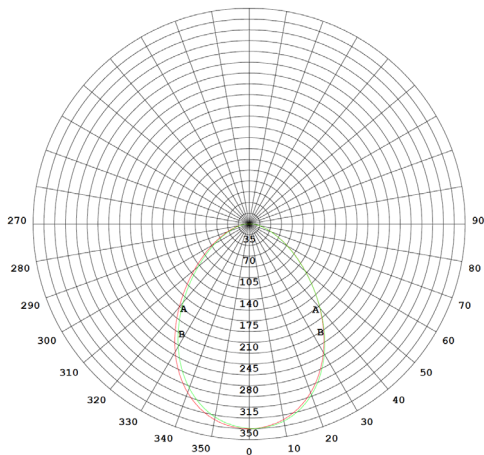
\*See Dimming Notes for more information

### P8046-28-30K

LED Light Engine: 3000 K, 90 CRI CRI  
 System Wattage: 9  
 Fixture Delivered Lumens: 652  
 Fixture Efficacy: 72.4  
 Spacing Criteria: 1.0

### ZONAL LUMEN SUMMARY

0-10	31.19	31.19	4.78
10-20	86.75	117.9	18.1
20-30	122.2	240.2	36.8
30-40	129.2	369.4	56.6
40-50	111	480.4	73.6
50-60	81.05	561.4	86
60-70	51.46	612.9	93.9
70-80	27.44	640.3	98.1
80-90	10.68	651	99.7
90-100	1.698	652.7	100



## P8046-28-30K

### Dimming Notes:

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P8046 is designed to be compatible with many Triac/Forward Phase controls.

The following is a partial list of known compatible dimmer controls.

### Dimming Controls

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Lutron AYCL-153P

Lutron TGCL-153P

Leviton 6672

Leviton 6674

Leviton 6681

Dimming capabilities will vary depending on the dimmer control, load, and circuit installation.

Always refer to dimmer manufacturer instructions or a controls specialist for specific requirements.

Dimmer control brand names where identified above are trade names or registered trademarks of each respective company.