

# P8176 SERIES

5IN LED Eyeball • Damp location listed



## Description:

The P8176 is ideal for use in both new construction as well as remodel/retrofit. Light output is comparable to that of a 65W incandescent lamp. The 8176 is equipped with both Edison base adapter and quick link connector allowing easy installation in many standard incandescent recessed housings.

## Specifications:

- Available in White, Bronze, Black and Brushed Nickel
- Diffused polycarbonate lens controls direct glare from the LEDs
- Easy "Push and Twist" installation with (3) friction spring clips
- Can be installed in most competitors 5" recessed housings
- Dimmable to 10% with many Triac/Forward Phase dimmers
- Suitable for use in IC or NON-IC Applications
- Provided with quick link for use with E26 Edison Base adapter
- Meets California Title 24 - JA8 - 2016.
- ENERGY STAR® qualified

## Performance:

Input Power	9w
Input Voltage	120 V
Input Frequency	60 Hz
Lumens/LPW	702/78 (LM-79)
CCT	3000 K
CRI	90
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

## P8176-28-30K

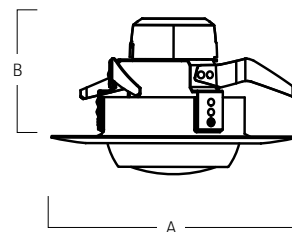
## Images:



## Dimensions:

(A) Outside Diameter: 6.50"

(B) Height: 3.8"



## Catalog number:

Base	Finish	Color Temp	CRI
<b>P8176</b>	<b>09</b> - Brushed Nickel	<b>30K</b> - 3000 K	<b>BLANK</b> - 90
	<b>20</b> - Antique Bronze		
	<b>28</b> - Satin White		
	<b>31</b> - Black		

# P8176 SERIES

SIN LED Eyeball • Damp location listed



## Photometrics:

## P8176-28-30K

### ELECTRICAL DATA P8176-28-30K

Input Voltage	120 V
Input Frequency	60 Hz
Input Current	0.075 A
Power Factor	>0.90
THD	<20%
EMI Filtering	FCC 47CFR 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

### P8176-28-30K

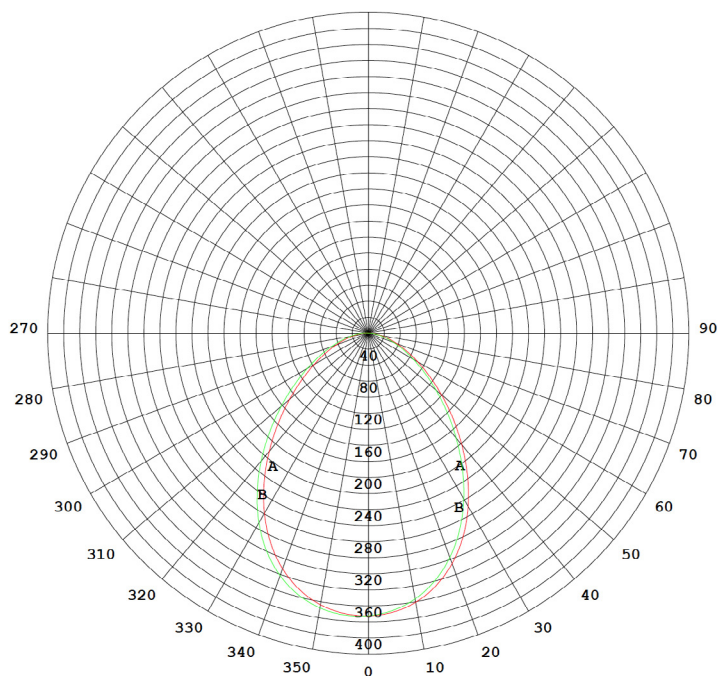
LED Light Engine: 3000 K, 90 CRI

System Wattage: 9

Fixture Delivered Lumens: 702

Fixture Efficacy: 78

Spacing Criteria: 1.0



### ZONAL LUMEN SUMMARY

Zone	Zone Lumens	Total Lumens	% Luminaire
0-10	33.16	33.15	4.72
10-20	92.38	125.5	17.9
20-30	130.6	256.1	36.4
30-40	138.5	394.6	56.1
40-50	119.8	514.4	73.2
50-60	88.29	602.7	85.8
60-70	56.48	659.2	93.8
70-80	30.17	689.4	98.1
80-90	11.63	701	99.7
90-100	1.863	702.9	100

# P8176 SERIES

51N LED Eyeball • Damp location listed



## P8176-28-30K

### Dimming Notes:

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P8176 is designed to be compatible with many Triac/Forward Phase controls.

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

### Triac/Forward Phase 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.