

P8176 SERIES

5IN LED Eyeball • Damp location listed



Description:

The P8176 eyeball trim 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. 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 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.
- 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	702/78 (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

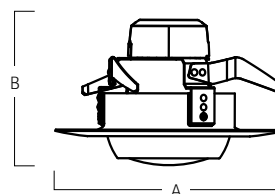
Images:

P8176-28-30K



Dimensions:

- (A) Outside Diameter: 6.50"
- (B) Height: 3.8"



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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 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	

P8176-28-30K

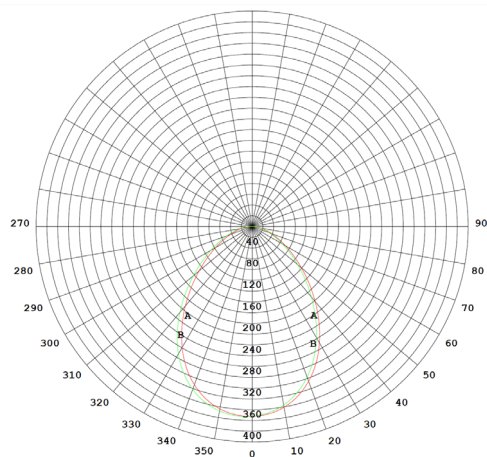
LED Light Engine: 3000 K, 90 CRI CRI

System Wattage: 9

Fixture Delivered Lumens: 702

Fixture Efficacy: 78

Spacing Criteria: 1.0



ZONAL LUMEN SUMMARY

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:

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

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

Dimming Controls

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.