

P8171 SERIES

6IN LED Square Retrofit • Wet location listed



Description:

The P8171 is ideal for use in both new construction as well as remodel/retrofit. The sleek geometric shape provides a high end appeal for residential and commercial spaces. Light output is comparable to that of a typical 75W incandescent downlight, providing up to 75% energy savings. The P8171 is equipped with both Edison base adaptor and quick link connector allowing easy installation in many standard round incandescent recessed housings.

Specifications:

- White finish
- Diffused polycarbonate lens controls direct glare from the LEDs
- Easy "Push and Twist" installation with (3) friction spring clips
- Can be installed in most 6" round recessed housings
- Dimmable to 10% with many Triac/Forward Phase dimmers
- Lumen output and distribution comparable to a 75W incandescent lamp
- Suitable for use in IC or NON-IC Applications
- Provided with quick link for use with E26 Edison Base adapter.
- ENERGY STAR® qualified
- Meets California Title 24 JA8-2016

Performance:

Input Power	9w
Input Voltage	120 V
Input Frequency	60 Hz
Lumens/LPW	774/86 (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 Wet location listed
	ENERGY STAR® qualified
	Meets California Title 24 JA8-2016

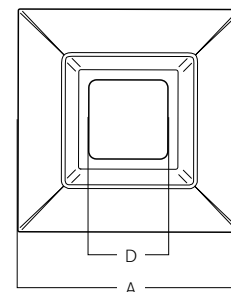
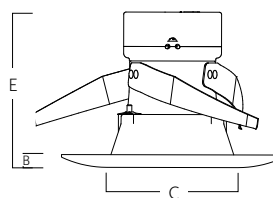
Images:

P8171-28-30K



Dimensions:

- (A) Outside Square: 7"
- (B) Height: 0.31"
- (C) Inside Square: 4.25"
- (D) Light Emitting Surface (LES): 2"
- (E) Overall Ht.: 4-1/4"



Photometrics:

P8171-28-30K

ELECTRICAL DATA	P8171-28-30K
Input Voltage	120 V
Input Frequency	60 Hz
Input Current	0.078 A
Power Factor	Greater than 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

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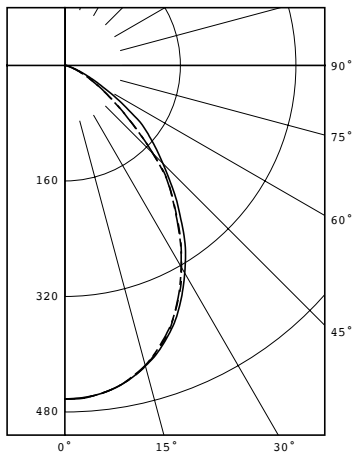
LED Light Engine: 3000 K, 90+ CRI
 System Wattage: 9
 Fixture Delivered Lumens: 774
 Fixture Efficacy: 86
 Spacing Criteria: 1.08

CANDELA DISTRIBUTION

DEGREE	CANDELA					LUMENS				
	0.0	22.5	45.0	67.5	90.0					
0	462	462	462	462	462	462	462	462	462	462
5	459	459	459	459	459	459	459	459	459	43
15	431	431	431	431	431	430	430	430	430	121
25	367	370	373	369	366	170				
35	276	281	288	280	274	175				
45	172	188	192	188	173	141				
55	75	85	108	85	74	80				
65	27	31	35	31	27	32				
75	7	7	8	7	7	9				
85	2	2	2	2	2	2				
90	0	0	0	0	0	0				

ZONAL LUMEN SUMMARY

Zone	Lumens	%_Fixt
0-30	334	43.1
0-40	509	65.8
0-60	731	94.4
0-90	774	100.0
90-180	0	0.0
0-180	774	100.0



P8171-28-30K

Dimming Notes:

P8171 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 NTEVL-300

Lutron AYLV-600P

Leviton 6672

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.