

P8161 SERIES

51N LED Square Retrofit • Wet location listed



Description:

The P8161 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 50W incandescent downlight, providing up to 75% energy savings. The P8161 is equipped with both Edison base adaptor and quick link connector allowing easy installation in many standard round incandescent recessed housings.

Specifications:

- Antique Bronze 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 5" round recessed housings
- Dimmable to 10% with many Triac/Forward Phase dimmers
- Lumen output and distribution comparable to a 50W incandescent lamp
- Suitable for use in IC or NON-IC Applications
- Provided with quick link for use with E26 Edison Base adapter
- 567 lumens.
- This product is not available for sale into the State of California.
- ENERGY STAR® qualified

Performance:

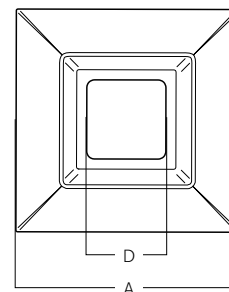
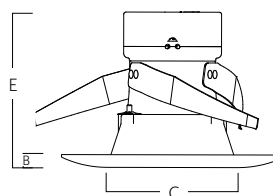
Input Power	9w
Input Voltage	120 V
Input Frequency	60 Hz
Lumens/LPW	567/63 (LM-79)
CCT	3000 K
CRI	90+
Life (hours)	50,000 (L70/TM-21)
EMI/RFI	FCC Title 47, Part 15 Class B
Min. Start Temp	-30 °C
Max. Operating Temp	30° C
Warranty	5 year warranty
Labels	cCSAus Wet location listed ENERGY STAR® qualified

Images: P8161-20-30K



Dimensions:

- (A) Outside Square: 5.75"
- (B) Height: 0.31"
- (C) Inside Square: 3.25"
- (D) Light Emitting Surface (LES): 2"
- (E) Overall Ht.: 4"



Photometrics:

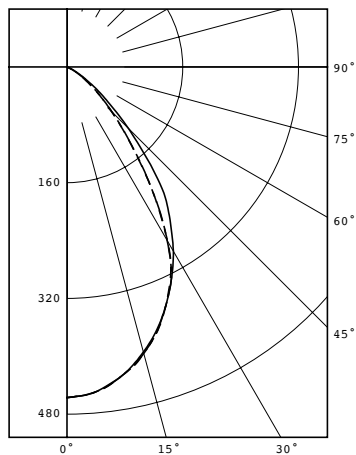
P8161-20-30K

ELECTRICAL DATA	P8161-20-30K
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

P8161-20-30K

LED Light Engine: 3000 K, 90+ CRI
 System Wattage: 9
 Fixture Delivered Lumens: 567
 Fixture Efficacy: 63
 Spacing Criteria: 1.01



CANDELA DISTRIBUTION

DEGREE	CANDELA					LUMENS	
	0.0	22.5	45.0	67.5	90.0		
0	457	457	457	457	457	457	457
5	451	451	451	451	451	451	43
15	410	409	408	409	410	410	115
25	335	336	337	335	337	337	154
35	202	219	245	218	202	137	
45	88	99	120	99	87	80	
55	31	37	39	36	31	33	
65	3	5	7	5	3	6	
75	0	0	0	0	0	0	
85	0	0	0	0	0	0	
90	0	0	0	0	0	0	

ZONAL LUMEN SUMMARY

Zone	Lumens	%_Fixt
0-30	311	54.8
0-40	448	79.0
0-60	561	98.9
0-90	567	100.0
90-180	0	0.0
0-180	567	100.0

P8161-20-30K

Dimming Notes:

P8161 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.