

P8247 Series

5.5 inch LED New Construction and Remodel • Wet Location



Specifications:

Description:

The P8247 delivers a solution for flush mount, for both residential and commercial markets. In addition, the P8247 is wet located, Title 24 - JA8 - 2016 and is a cost effective solution for fire rated application. The P8247 luminaire unites performance, cost and safety benefits.

Construction:

- Diffused polycarbonate lens controls direct glare from the LEDs
- Simple snap in installation for J-Box
- Die-cast aluminum construction with a powder coat paint finish and decorative glass ring
- Can be installed in a 4" octagonal J-Box
- Lumen output and distribution comparable to a 65W incandescent lamp
- Suitable for use in IC or NON-IC Applications with 30°C (86°F) continuous room side ambient temperature.

Performance:

Input Power	10.5W
Input Voltage	120V
Input Frequency	60Hz
Lumens/LPW	644/61 (LM-79)
CCT	3000K
CRI	90+
Life	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 yrs.
Labels	cCSAus classified for wet locations ENERGY STAR® qualified California Title 24 - JA8-2016

P8247-28-30K

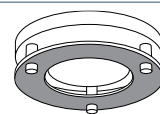
Images:



Dimensions:

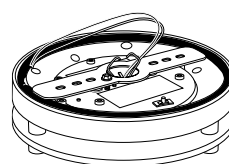
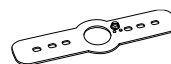
Diameter: 5.5"

Height: 2.25"



Included Mounting Options:

J-Box Mount with Quick-Link


J-Box
Adapter


Catalog number:

Base	Finish	Color Temp	CRI
P8247	09 - Brushed Nickel 20 - Bronze 28 - White 31 - Black	30K - 3000K	BLANK - 90 CRI

Photometrics:

P8247-28-30K

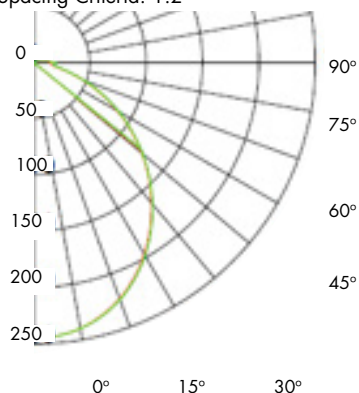
ELECTRICAL DATA P8247-28-30K

Input Voltage	120V
Input Frequency	60 Hz
Input Current	700mA
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

P8247-28-30K

LED Light Engine: 3000K, 92 CRI
System Wattage: 10.5 W
Fixture Delivered Lumens: 644
Fixture Efficacy: 61
Spacing Criteria: 1.2



Test No. 15.01267 70040774

Tested at 25°C Ambient in accordance to IESNA LM-79-2008

ZONAL LUMEN SUMMARY

Zone	Zone Lumens	Total Lumens	% Luminaire
0-10	23.11	23.11	3.59
10-20	64.54	88.65	13.8
20-30	69.93	185.6	28.8
30-40	112.4	298.0	46.2
40-50	110.6	408.5	63.4
50-60	92.96	501.5	77.8
60-70	63.84	565.3	87.7
70-80	30.43	595.8	92.4
80-90	18.55	614.3	95.3
90-100	14.03	628.3	97.5
100-110	7.23	635.6	98.6
110-120	4.517	640.1	99.3
120-130	2.37	624.5	99.7
130-140	1.12	643.6	99.9
140-150	.59	644.2	99.9
150-160	.26	644.5	100

Dimming Notes:

P8247-28-30K

P8247 is designed to be compatible with many Triac/Forward Phase controls. LED rated dimmer controls may offer favorable dimming performance.

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

Triac/Forward Phase Controls

Lutron	AY-600
Lutron	AYCL-153P
Lutron	TGCL-153P
Lutron	DVCL-153P
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.