

P8240 Series

5.5 inch LED New Construction and Remodel • Wet Location



Specifications:

Description:

The P8240 delivers a solution for flush mount, for both residential and commercial markets. In addition, the P8240 is wet located, Title 24 - JA8 -2016 and is a cost effective solution for fire rated application. The P8240 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
- Can be installed in a 4" J-Box
- Lumen output and distribution comparable to a 65W incandescent lamp
- Suitable for use in IC or NON-IC Applications with 25°C (77°F) continuous room side ambient temperature.

Performance:

Input Power	10.5W
Input Voltage	120V
Input Frequency	60Hz
Lumens/LPW	624/59 (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

P8240-28-30K

Images:



Dimensions:

Diameter: 5.5"
Height: 1.7"



Included Mounting Options:

J-Box Mount with Quick-Link



J-Box Adapter



Catalog number:

Base	Finish	Color Temp	CRI
P8240	20 - Bronze 28 - White 31 - Black 82 - Metallic Gray	30K - 3000K	BLANK - 90 CRI

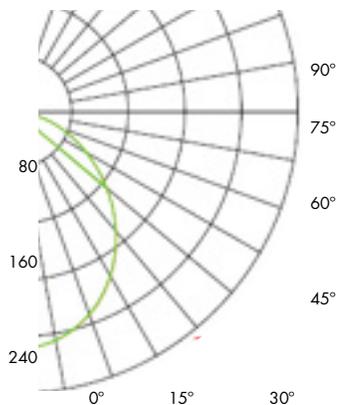
P8240-28-30K

Photometrics:

ELECTRICAL DATA	P8240-28-30K	Input Voltage
120V AC		
Input Frequency	50/60 Hz	
Input Current	0.11A	
Input Power	10.5W	
Power Factor	>0.90	
THD	<20%	
EMI Filtering	FCC 47CFR Part 15, Class B	
Operating Temperature	-30°C to 40°C	
Dimming	Yes*	
Over-voltage, over-current, short-circuit protected		
*See Dimming Notes for more information		

P8240-28-30K

LED Light Engine: 3000K, 92 CRI
 System Wattage: 10.5
 Fixture delivered lumens: 624
 Fixture Efficacy: 59.7
 Spacing Criteria: 1.2



ZONAL LUMEN SUMMARY

Zone	Zone Lumens	Total Lumens	% Luminaire
0-10	23.86	23.86	3.82
10-20	67.55	91.41	14.6
20-30	99.77	191.2	30.6
30-40	115.2	306.4	49
40-50	112.4	418.8	67.1
50-60	94.54	513.3	82.2
60-70	67.14	580.5	92.9
70-80	35.66	616.1	98.6
80-90	8.06	624.2	100

Test No. 15.00666 70030959

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

Dimming Notes:

P8240 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.