

P8241 Series

5.5 inch LED New Construction and Remodel • Wet Location



Specifications:

Description:

The P8241 delivers a solution for flush mount, for both residential and commercial markets. In addition, the P8241 is wet located, Title 24 - JA8 - 2016 and is a cost effective solution for fire rated application. The P8241 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 30°C (86°F) continuous room side ambient temperature.

Performance:

Input Power	10.5W
Input Voltage	120V
Input Frequency	60Hz
Lumens/LPW	645/61 (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

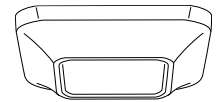
P8241-28-30K

Images:



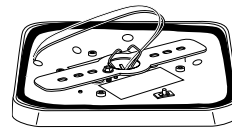
Dimensions:

Diameter: 5.25"
Height: 1.7"

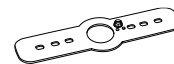


Included Mounting Options:

J-Box Mount with Quick-Link



J-Box Adapter



Catalog number:

Base	Finish	Color Temp	CRI
P8241	20 - Bronze 28 - White 31 - Black 82 - Metallic Gray	30K - 3000K	BLANK - 90 CRI

Photometrics:

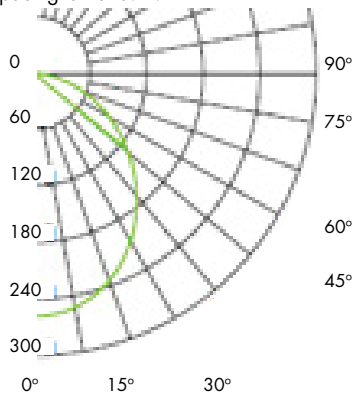
P8241-28-30K

ELECTRICAL DATA P8241-28-30K

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	

P8241-28-30K

LED Light Engine: 3000K, 92 CRI
System Wattage: 10.5W
Fixture Delivered Lumens: 645
Fixture Efficacy: 61
Spacing Criteria: 1.2



Test No. 15.01268 70040774

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

ZONAL LUMEN SUMMARY

Zone	Zone Lumens	Total Lumens	% Luminaire
0-10	24.35	23.45	3.77
10-20	68.85	93.20	14.4
20-30	101.5	194.7	30.2
30-40	117.4	312.2	48.4
40-50	115.6	427.8	66.3
50-60	98.77	526.5	81.6
60-70	71.38	597.9	92.7
70-80	38.35	636.3	98.6
80-90	8.48	645.1	100

P8241-28-30K

Dimming Notes:

P8241 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.