

P8222 Series

7.25 inch LED Flush Mount • Wet Location



Specifications:

Description:

The P8222 delivers a solution for flush mount, for both residential and commercial markets. In addition, the P8222 is wet located, Title 24 - JA8 - 2016 and is a cost effective solution for fire rated application. The P8222 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 with 1-1/2" depth
- Lumen output and distribution comparable to a 100W incandescent lamp
- Suitable for use in IC or NON-IC Applications with 25°C (77°F) continuous room side ambient temperature.
- Meets California Title 24 - JA8 - 2016

Performance:

Input Power	17.3W
Input Voltage	120V
Input Frequency	60Hz
Lumens/LPW	1170/67.6 (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

P8222-28-30K

Images:



Dimensions:

Diameter: 7.25"
Height: 1.1875"


Included Mounting Options:

J-Box Mount


 J-Box
Adapter


Catalog number:

Base	Finish	Color Temp	CRI
P8222	28 - White	30K - 3000K	BLANK - 90 CRI

Photometrics:

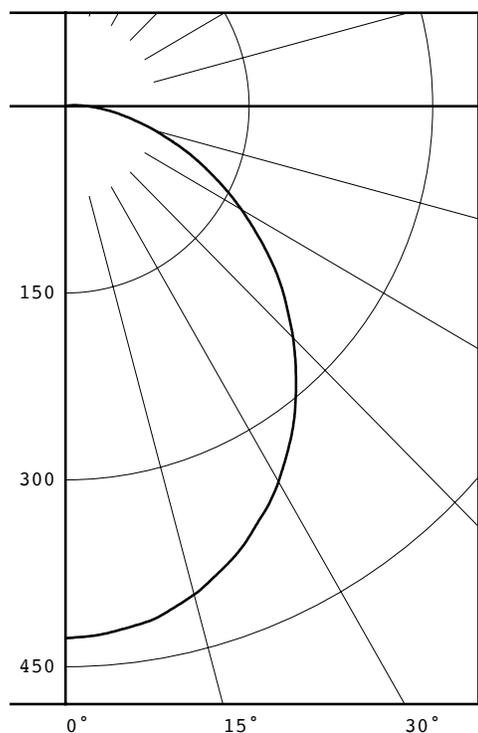
P8222-28-30K

ELECTRICAL DATA	P8222-28-30K
Input Voltage	120 V
Input Frequency	60 Hz
Input Current	0.146 A
Input Power	17.3w
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

P8222-28-30K

LED Light Engine: 3000K, 90 CRI
System Wattage: 17.3w
Fixture delivered lumens: 1170
Fixture Efficacy: 67.6
Spacing Criteria: 1.2



CANDELA DISTRIBUTION		
DEG	CANDELA	LUMENS
0	427	
5	424	40
15	406	114
25	370	171
35	322	201
45	263	203
55	199	178
65	134	133
75	76	81
85	33	37
90	19	
95	9	11
105	1	1
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	0

ZONAL LUMEN SUMMARY		
Zone	Zone Lumens	% Luminaire
0-30	325	27.8
0-40	527	45.0
0-60	907	77.6
0-90	1158	99.0
90-120	12	1.0
90-130	12	1.0
90-150	12	1.0
90-180	12	1.0
0-180	1170	100.0

Dimming Notes:

P8222-28-30K

P8222 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	AYCL-153P
Lutron	AY-600
Lutron	TGCL-153P
Leviton	6674
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.