

P8147 SERIES

7 inch New Construction and Remodel • Wet location listed



Specifications:

P8147-28-30K

Description:

The all-in-one LED Surface Mount uses an intuitive snap-in system that allows easy flush mount installation to a junction box. 7" round with decorative glass ring. 3000K, 1035 lumens, 90+ CRI. Dimming with many Triac/Forward Phase dimmers. Title 24 - JA8 - 2016. Wet location listed.

Construction:

- Die cast aluminium
- Diffused polycarbonate lens
- Flicker-free dimming to 10% brightness with many Triac/Forward Phase dimmers (See Dimming Notes)
- Title 24 compliant
- Canopy covers a standard 4" J-Box
- J-Box Mount with Quick-Link included
- P8595-01 Recessed Mount with Quick-Link, order separate
- Six inches of wire supplied

Performance:

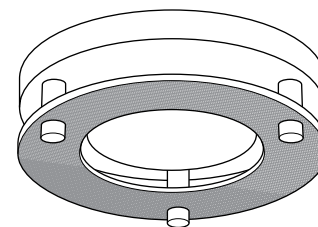
Input Power	16.4W
Input Voltage	120V
Input Frequency	60Hz
Lumens/LPW	1035/63 (LM-79)
CCT	3000K
CRI	90
Life	50,000 (L70/TM-21)
EMI/RFI	FCC Title 47, Part 15, Class B
Min. Start Temp	-30° C
Max. Operating Temp	30° C
Warranty	5 year warranty
Labels	cCSAus Wet location listed ENERGY STAR® qualified California Title 24 - JA8 2016

Images:



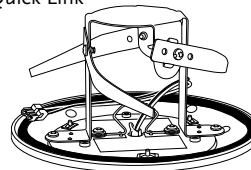
Dimensions:

Diameter: 7.25"
Height: 2.35"

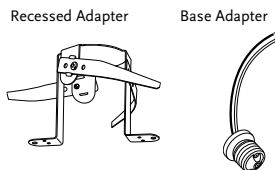


Mounting Options:

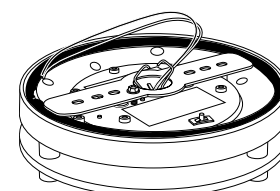
Recessed Mount with Quick-Link



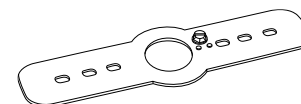
Order option: P8595-01
E26 Edison
Base Adapter



J-Box Mount with Quick-Link



J-Box Adapter (included)



Catalog number:

Base	Finish	Color Temp	CRI
P8147	09 - Brushed Nickel	30K - 3000K	BLANK - 90 CRI
	20 - Antique Bronze		
	28 - White		
	31 - Black		

Photometrics:

P8147-28-30K

ELECTRICAL DATA P8147-28-30K

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

P8147-28-30K

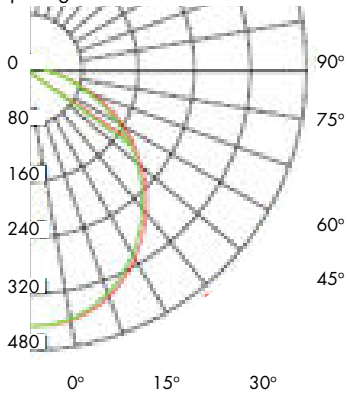
LED Light Engine: 3000K, 92 CRI

System Wattage: 16.4W

Fixture Delivered Lumens: 1035

Fixture Efficacy: 63

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	LUMENS	%FIXTURE	
0-10	34.55	34.55	3.34
10-20	98.24	132.8	12.8
20-30	146.2	279.0	26.9
30-40	171.8	450.8	43.5
40-50	173.7	624.4	60.3
50-60	152.8	777.2	75
60-70	112.4	889.7	85.9
70-80	66.12	955.8	92.3
80-90	34.50	990.3	95.6
90-100	21.59	1012	97.7
100-110	11.81	1024	98.8
110-120	6.76	1030	99.5
120-130	3.06	1034	99.8
130-140	1.31	1035	99.9
140-150	.63	1035	100

Dimming Notes:

P8147 is designed to be compatible with many Triac/Forward Phase controls.

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.