

14" Edge Lit LED Surface Mount

 Ceiling mounted . PROGRESS **LED** 

Description:

The P810017 delivers a solution for both residential and commercial markets. This surface mounted luminaire measures 14" in diameter with an overall height of 1". The edge lit luminaire provides a bright and evenly illuminated surface in a very slim profile. The integrated LED power supply does not protrude into the junction box, allowing for compatibility to 4" octagonal, 4" round shallow and 4" round PVC junction boxes. In addition, the P810017 is wet location rated, Title 24 – JA8 – 2016 listed, Energy Star listed and is a cost effective solution for fire rated applications (when installed onto a fire rated junction box). The P810017 luminaire combines modern aesthetic, new technology, performance, cost and safety benefits.

Specifications:

- White (-030) (painted)
- Polycarbonate Construction
- White polycarbonate diffuser
- Simple installation to steel mounting plate
- Light weight polycarbonate luminaire construction
- PMMA diffuser controls glare and provides an evenly illuminated surface
- Integrated DC LED power supply capable of flicker-free dimming to 10% brightness with many Triac/Forward Phase dimmers (See Dimming Notes)
- Can be installed to 4" octagonal j-box, 4x1/2" round shallow j-box and 4" round PVC j-box
- Suitable for use in IC or Non-IC applications
- Meets California Title 24 JA8-2016 and is Energy Star listed
- Dimmable to 10% brightness (See Dimming Notes)
- 6" of wire supplied
- ENERGY STAR® qualified

Performance:

Input Power	19.5w
Input Voltage	120 V
Input Frequency	60 Hz
Lumens/LPW (Delivered)	1725/88 (LM-79)
CCT	3000 K
CRI	90
Life (hours)	50,000 (L70/TM-21)
FCC	FCC Part 15 Class B
Min. Start Temp	-30 °C
Warranty	5 year warranty
Labels	ENERGY STAR® qualified

P810017-030-30

Images:



Dimensions:

Diameter: 14"
Height: 1-1/8"

Photometrics:

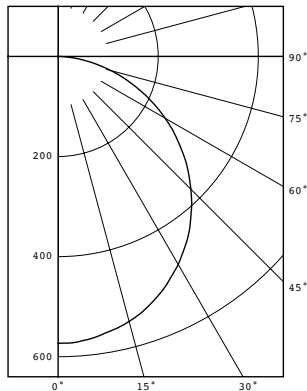
P810017-030-30

ELECTRICAL DATA P810017-030-30

Input Voltage	120 V
Input Frequency	60 Hz
Input Current	0.168
Input Power	19.5
Power Factor	
THD	<20%
FCC	FCC Part 15 Class B
Operating Temperature	-30 °C to
Dimming	Yes*
Over-voltage, over-current, short-circuit protected	
*See Dimming Notes for more information	

P810017-030-30

LED Light Engine: 3000 K 90
 System Wattage: 19.5
 Fixture delivered lumens: 1725
 Fixture Efficacy: 88
 Spacing Criteria: 1.24



CANDELA DISTRIBUTION

DEG	CANDELA	LUMENS
0	573	
5	570	54
15	548	155
25	507	234
35	449	281
45	375	289
55	291	261
65	201	199
75	109	115
85	26	31
90	0	

ZONAL LUMEN SUMMARY

ZONAL ZONE	LUMEN LUMENS	SUMMARY %FIXT
0-30	442	27.3
0-40	723	44.7
0-60	1273	78.7
0-90	1618	100.0
90-180	0	0.0
0-180	1618	100.0

P810017-030-30

Dimming Notes:

P810017 is designed to be compatible with many ELV/Reverse Phase, Triac/Forward Phase controls.

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

Dimming Controls

Lutron NTELV-300

Lutron DVELV-300P

Lutron DVCL-253P

Lutron Caséta

iDevices – IDEV0009

Leviton 6681

Leviton 6672

Lutron AYCL-153P

Lutron TGCL-153PH

Lutron NTLV-600

Lutron MAELV-600

Lutron AWRMG-EAW

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.