

7" Edge Lit LED Surface MountEdge-Lit



Description:

The P810015 delivers a solution for both residential and commercial markets. This surface mounted luminaire measures 7" 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, 4" round PVC junction boxes and single gang switch boxes. In addition, the P810015 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 P810015 luminaire combines modern aesthetic, new technology, performance, cost and safety benefits.

Specifications:

- White (-030) (painted)
- Steel Construction
- Frosted acrylic diffuser
- Simple installation to steel mounting plate
- Light weight non-conductive polycarbonate luminaire construction
- Polycarbonate 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, 4" round PVC j-box and single gang switch boxes
- 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)
- ENERGY STAR® qualified

Performance:

Number of Modules	
Input Power	15
Input Voltage	120
Input Frequency	60
Lumens/LPW (Source)	
Lumens/LPW (Delivered)	1051/70 (LM-79)
CCT	3000K
CRI	90
Life (hours)	50,000 (L70/TM-21)
FCC	FCC Part 15 Class B
Min. Start Temp	-30
Max. Operating Temp	
Warranty	5 year warranty
Labels	ENERGY STAR® qualified

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Images:



Dimensions:

Diameter: 7 in

Height: 1 in

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Photometrics:

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ELECTRICAL DATA **P560056-020-30**

Input Voltage	120 V
Input Frequency	60 Hz
Input Current	0.075 A
Input Power	9
Power Factor	Greater than 0.90
THD	<20%
FCC	Meets FCC Title 47, 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

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LED Light Engine: 3000K 90
System Wattage: 15
Fixture delivered lumens: 1051
Fixture Efficacy: 70
Spacing Criteria: 1.25

CANDELA DISTRIBUTION

DEG	CANDELA	LUMENS
0	368	
5	367	35
15	353	100
25	327	151
35	289	181
45	243	187
55	189	169
65	131	130
75	73	77
85	20	22
90	0	

ZONAL ZONE	LUMEN LUMENS	SUMMARY %FIXT
0-30	285	27.1
0-40	466	44.3
0-60	822	78.2
0-90	1051	100.0
90-180	0	0.0
0-180	1051	100.0

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Dimming Notes:

P810015 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 - NTEVL-300

Lutron - DVELV-300P

Lutron - Caseta Wireless

IDevices - IDEV009

Leviton - IPI06-1LZ

Leviton - 6672

Lutron - AYCL-153P

Lutron - SCL-153P

Lutron - TGCL-153-PH-WH

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.