FCPA Series

LED Canopy Light

PacLights

Project:	Type:
Prepared By:	**Date:**

OVERVIEW

The FCPA series is one option we o er for LED Canopy Lighting. These are IP65 rated and are used for higher wattage canopy projects. This luminaire is o ered in various wattages varying from 150 to 240. This product can also be ordered in various color temperatures varying from 4000K to 5700K as well as a couple of mounting options to meet the customers needs.

FEATURES

-Superior Slim Design
-Multiple Mounting Option
-E cacy: up to 138 LPW
-Wattage: 150 - 240 W
-Lumen Output: 19,600-32,000 L

DLC QPL LISTED
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Models

Model	Watts(W)	Lumens (LM)	E cacy (LPW)
FCPA150	150	19600	131
FCPA180	180	24900	138
FCPA240	240	32000	133

* Lumen Output based on 277V Power Input at 5000K. Also available in Color Temperatures of 4000 K, 4500 K, 5000 K, 5700 K

Technical Specifications

Warranty

Paclights warrants these LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. Please refer to our full warranty.

Qualifications

UL Listed:
UL File# E473037. Suitable for wet locations

IESNA LM79 & LM-80 Testing:
Paclights LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

DLC Qualification:
Selected models of this product are on the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

Construction

Green Technology:
Mercury and UV free, and RoHS compliant. Polyester powder coating are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Construction (continue)

IP Rating:
Ingress Protection rating of IP65 for dust and water

Ambient Temperature:
Suitable for 55° C (131° F) ambient temperature

Cold Weather Starting:
The minimum starting temperature is -40 F°/-40° C

Thermal Management:
Superior thermal management with external Air-Flow fins.

Housing:
Aluminum housing with powder coating.

Mounting Methods:
Direct/indirect surface mount, 3/4 conduit mount, or retrofit current 2x2 housing.

Lens:
Polycarbonate

Gaskets:
Silicon Gaskets

Finish:
Our environmentally friendly polyester powder coating are formulated from high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Light Beam Angle:
110°

Electrical

Drivers:
100-277V, 50-60 Hz, Power Factor > 95%

LED Characteristics

Lifespan:
100,000- hour LED lifespan based on IES LM-80 results and TM-21 calculations.

LEDs:
High-output, long-life LEDs

Color Temp:
4000K (natural white), 4500K, 5000K (daylight), 5700K (Cool White)

Color Stability:
LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period

Color Uniformity:
PacLights range of CCT (Correlated Color Temperature) follows the guidelines of th American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011
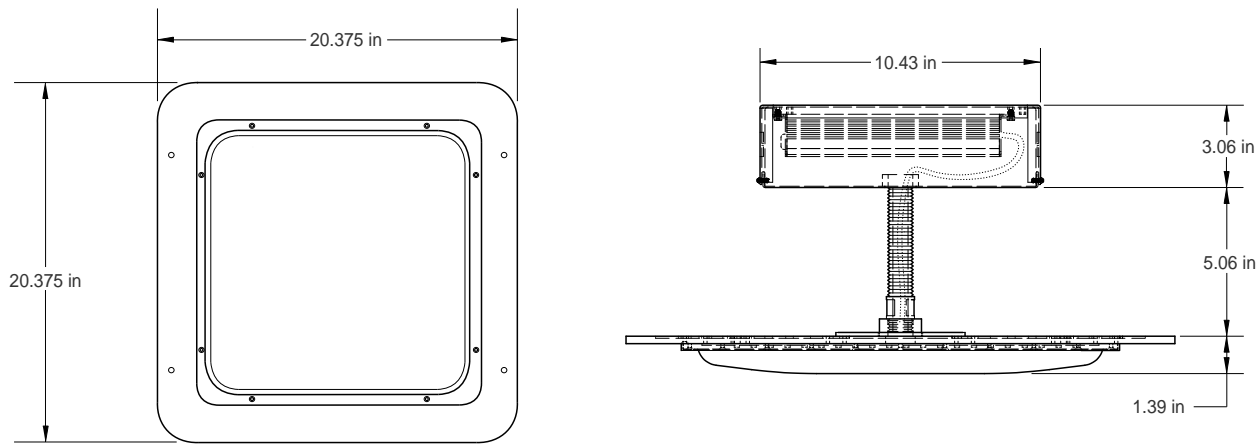
Color Rendering Index:
>80

Ordering Matrix

Family	Watts		Color Temperature		Optional Add-ons
FCPA	150	–	50	–	SM

	150 = 150 W	**40** = 4000 K (natural white)	**SM** = AC-CPA-SM
	180 = 180 W	**45** = 4500 K	**RF** = AC-CPA-RF
	240 = 240 W	**50** = 5000 K (daylight)	
		57 = 5700 K (cool white)	

Dimensions

20.375 in

20.375 in

10.43 in

3.06 in

5.06 in

1.39 in

Optional Add-ons - *field installed*

| SKU	Description
AC-CPA-SM	Indirect Surface Mount Flange Kit
AC-CPA-RF	Retrofit Kit for existing 2x2 housing

DEFAULT INSTALLATION Junction Box and Conduit

The Junction Box and Conduit should be inserted inside the Ceiling while the FCPA luminaire is surface mounted using the four holes on the fixture. All wiring is stored inside the conduit and the Junction Box.
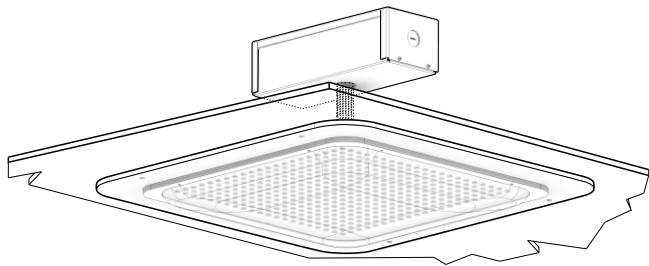
AC-CPA-SM Indirect Surface Mount Flange Kit

AC-CPA-SM is used to install the FCPA Canopy Light onto a surface where the LED Driver is installed underneath the surface instead of above the Mounting Surface.
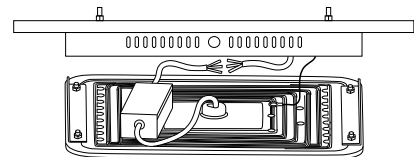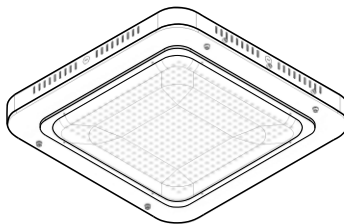
AC-CPA-RF Retrofit Kit for Existing 2 x 2 Housing

AC-CPA-SM is used to install the FCPA Canopy Light onto an existing 2 x 2 housing. This is used to retrofit the FCPA with other canopy lights.

PacLights

Need help? Tech help line: **(800) 988-6386**   Email: **cs@paclights.com**   Website: **www.paclights.com**
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Note: specifications are subject to change at any time without notice

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