



PCNY LED

LED Canopy/Ceiling Luminaire



Catalog
Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

	PCNY LED
Width:	15.2"
Height:	9.4"
Depth:	15.2"
Weight:	10.67lbs

Introduction

The all-new PCNY LED luminaire is designed to provide exceptional energy savings and versatility in one package. Features such as Adjustable Lumen Output (ALO) and replaceable decorative cover make PCNY LED suitable for a wide variety of applications.

With over 150 LPW the PCNY LED delivers up to 80% in energy savings when replacing metal halide luminaires. With over 100,000 hourlife expectancy (12+ years of 24/7 continuous operation), the PCNY LED luminaire provides significant maintenance savings over traditional luminaires.

Ordering Information

EXAMPLE: PCNY LED ALO1 30K FPCL MVOLT DWHXD M3

PCNY LED						
Series	Package	Color Temperature	Lens	Voltage	Finish	Packaging
PCNY LED	ALO1 13,000/10,000/7500 Lumens	30K 3000K 40K 4000K 50K 5000K	FPCL Flat Polycarbonate, Clear Lens FPFL Flat Polycarbonate, Frosted Lens DPCL Drop Polycarbonate, Clear Lens	MVOLT 120-277V HVOLT 347-480V	DWHXD White	M3 Master Pack of 3

Accessories

Ordered and shipped separately.

PCNYDT DWHXD J12	White Decorative Trim (12 Pack) (standard w/fixture)
PCNYDT DBLXD J12	Black Decorative Trim (12 Pack)
BPCNY J6	16.4 x 16.4 mounting plate (if needed), pack of 6

FEATURES & SPECIFICATIONS

INTENDED USE

The PCNY LED is a great choice for both new and retrofit petroleum canopy applications. With its high efficacy, clean looks and versatility makes it suitable for a wide range of applications like retail gas stations, convenience stores, and other canopy applications.

CONSTRUCTION

Die-cast aluminum housing for the light engine is optimized for thermal management without the need for external fins. The wet location rated LED driver box is separated from the heat-generating light engine and raised above the canopy surface to promote long life and prevent water entry. The light engine housing is completely sealed against moisture and environmental contaminants (IP66) and is suitable for hose-down application.

ELECTRICAL

Light engine consists of high-efficacy 70CRI LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L77/100,000 hours at 25°C). The electronic driver has a power factor of >90% and THD <20%. A 10kV surge protection device is included, which meets a minimum Category C low operation (per ANSI/IEEE C62.41.2). The fixture is supplied with a 0-10V driver and is dimmable by 0-10V controls.

INSTALLATION

The product can be installed by one person to a 12" or 16" deck panel. Requires only 2.5" hole in the deck panel for new installations but can accommodate up to a 4" hole for retrofit applications. The product can also be installed in recessed canopy applications. The snap-in decorative trim covers all mounting hardware. The Adjustable Lumen Output (ALO) module in the driver box allows the contractor to customize the lumens (3 levels) based on application needs.

LISTINGS

UL certified to U.S. and Canadian standards. Rated for -40°C to 40°C ambient conditions. DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

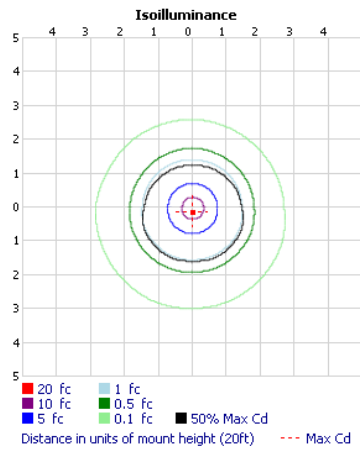
www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



Photometric Diagrams

Full photometric data report available within 2 weeks from request. Contact [Acuity Tech Support](#).



Performance Data

Ambient Temp		Lumen Multiplier
0° C	32° F	1.04
10° C	50° F	1.03
20° C	68° F	1.01
25° C	77° F	1.00
30° C	86° F	0.99
40° C	104° F	0.98

Predicted Lumen Maintenance			
0 Hrs	25,000 Hrs	50,000 Hrs	100,000 Hrs
100%	94%	88%	77%

Lumen Setting	Watts	Current					
		120V	208V	240V	277V	347V	480V
AL01 High	84	0.711	0.416	0.368	0.332	0.247	0.189
AL01 Medium	62	0.520	0.308	0.275	0.259	0.183	0.150
AL01 Low	46	0.392	0.237	0.214	0.211	0.137	0.120

Lumen Output Flat Polycarbonate Clear Lens

Performance Package	System Watts	30K (3000K, 70 CRI)		40K (4000K, 70 CRI)		50K (5000K, 70 CRI)	
		Lumens	LPW	Lumens	LPW	Lumens	LPW
AL01	84	13,130	156	13,634	162	13,532	161
AL01	62	9,267	149	9,727	157	9,375	151
AL01	46	7,031	153	7,389	161	7,121	155

Lumen Output Flat Polycarbonate Frosted Lens

Performance Package	System Watts	30K (3000K, 70 CRI)		40K (4000K, 70 CRI)		50K (5000K, 70 CRI)	
		Lumens	LPW	Lumens	LPW	Lumens	LPW
AL01	84	12,316	147	12,783	152	12,663	151
AL01	62	8,667	140	9,092	147	8,859	143
AL01	46	6,613	144	6,894	150	6,751	147



