

XPCNY LED

LED Canopy/Ceiling Luminaire



Catalog
Number

Notes

Type

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

Specifications

	XPCNY LED
Width:	15.8"
Height:	9.6"
Depth:	15.8"
Weight:	12.3lbs

Introduction

The XPCNY LED luminaire is designed to provide exceptional energy savings and versatility in one package. Features such as Adjustable Lumen Output, Adjustable CCTs, and forward throw distribution option make the XPCNY one of the most versatile gas station canopies in the market.

With up to 170 LPW the XPCNY LED delivers up to 80% in energy savings when replacing metal halide luminaires. With over 100,000 hour life expectancy (12+ years of 24/7 continuous operation), the XPCNY LED luminaire provides significant maintenance savings over traditional luminaires. XPCNY can be installed in both 12" and 16" Canopies and is fully serviceable from below without removing the fixture.

Ordering Information

Family	Catalog	Lumens	CCT	Lens	Voltage	Wattage	Color	Packaging	Cicode	UPC	Pallet Qty
XPCNY	XPCNY LED AL02 SSW2 FPCL MVOLT DWHXD M3	13,000-20,000	30K/40K/50K	PC, Flat Clear	120-277	88-134	White	Master Pack 3	2878G4	197590143368	36
XPCNY	XPCNY LED AL02 50K FTL MVOLT DWHXD M3	13,000-20,000	50K	Forward Throw	120-277	88-134	White	Master Pack 3	2878G7	197590143399	36
XPCNY	XPCNY LED AL02 57K FPCL MVOLT DWHXD M3	13,000-20,000	57K	PC, Flat Clear	120-277	88-134	White	Master Pack 3	287GW3	197590193066	36
XPCNY	XPCNY LED AL02 57K FTL MVOLT DWHXD M3	13,000-20,000	57K	Forward Throw	120-277	88-134	White	Master Pack 3	287GW4	197590193073	36
XPCNY	XPCNY LED AL02 SSW2 FPCL MVOLT DDBXD M3	13,000-20,000	30K/40K/50K	PC, Flat Clear	120-277	88-134	Dark Bronze	Master Pack 3	2890RJ	197590552153	36
XPCNY	XPCNY LED AL01 SSW2 FPCL MVOLT DWHXD M3	7,300-13,500	30K/40K/50K	PC, Flat Clear	120-277	46-88	White	Master Pack 3	2924TX	198934425263	36
XPCNY ¹	XPCNY LED AL02 SSW2 FGCL MVOLT SRR DWHXD M3	13,000-20,000	30K/40K/50K	Glass, Flat Clear	120-277	88-134	White	Master Pack 3	29217R	198934345141	24
XPCNY	XPCNY LED AL02 SSW2 FGCL MVOLT DWHXD M3	13,000-20,000	30K/40K/50K	Glass, Flat Clear	120-277	88-134	White	Master Pack 3	2907P1	197590882281	36
XPCNY ²	XPCNY LED AL02 SSW2 FGCL MVOLT DWHXD C1D2 M3	13,000-20,000	30K/40K/50K	Glass, Flat Clear	120-277	88-134	White	Master Pack 3	292H6T	198934523198	36

1. Fixture equipped with twist lock sensor receptacle. TLS sensor ordered separately
2. Class 1 Division 2 Hazardous Certification

Retrofit Accessories

Catalog	Description	Use	Dimensions
FP12SM*	12" Backplate Surface PCNY / SCNY / XPCNY	Covers Existing Hole if Larger than Fixture	11.5" x 24" x 18GA Galv Steel
FP16SM*	16" Backplate Surface PCNY / SCNY / XPCNY	Covers Existing Hole if Larger than Fixture	15.5" x 24" x 18GA Galv Steel
BP26SM*	26" Surface Beautyplate PCNY / SCNY / XPCNY	Covers Existing Footprint of Existing Fixture	26" x 26" x 16GA Aluminum
BP18SM*	18" Surface Beautyplate PCNY / SCNY / XPCNY	Covers Existing Footprint of Existing Fixture	18" x 18" x 16GA Aluminum
RF25M	Retrofit CREE 304 XPCNY	Retrofits Cree 304 with new Fixture	15" x 15" 18GA Aluminum

*Add "U" to the end of the catalog number for individual unit pack or "J6" for packs of 6 units

Control Accessories - Must be ordered with XPCNY SSR Option

Catalog	Description	Photocell	Occupancy	No Occupancy
TLS ODP WH	Field Installable PIR Sensor, White	Yes	100%	30%
TLS ODP BK	Field Installable PIR Sensor, Black	Yes	100%	30%

FEATURES & SPECIFICATIONS

INTENDED USE

The XPCNY LED is a great choice for both new and retrofit petroleum canopy applications. With its high efficacy, clean look, 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. Driver is accessible from below without removing fixture for easy maintenance. 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 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%. Standard 6KV surge protection. Operating temperature -40C to 40C.

INSTALLATION

The product can be installed by one person to a 12" or 16" deck panel. The Adjustable Lumen Output (ALO) module in the driver box allows the contractor to customize the lumens (3 levels) based on application needs. In addition to adjustable lumens, switchable CCTs are available with standard lens options.

LISTINGS

UL Listed to U.S. and Canadian safety standards for wet locations IP66.

Tested in accordance with IESNA LM-79 and LM-80 standards. 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. NOM Certified.

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.

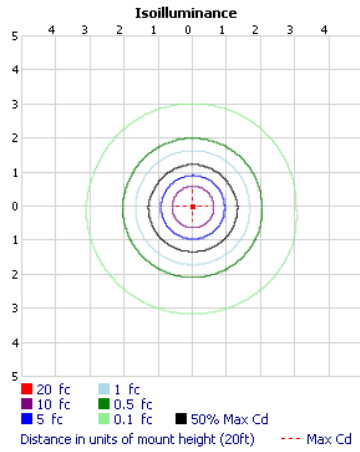
All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

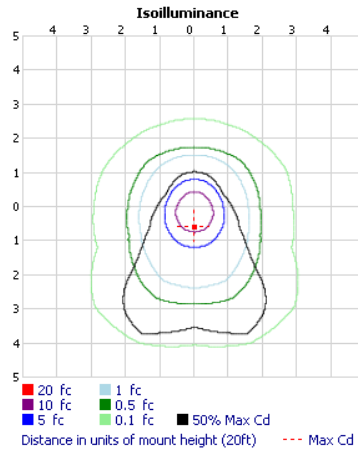


Photometric Diagrams

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



Flat Clear Lens



Forward Throw Lens

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	277V
AL02-3	134	1.128	0.499
AL02-2	109	0.938	0.423
AL02-1	90	0.763	0.357
AL01-3	85	0.708	0.307
AL01-2	63	0.525	0.227
AL01-1	46	0.383	0.166

Lumen Output Flat Polycarbonate Clear Lens (FPCL)

Performance Package	Setting	System Watts	30K (3000K, 80 CRI)		40K (4000K, 80 CRI)		50K (5000K, 80 CRI)	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
AL02	3	134	19,191	143	20,559	153	20,248	151
AL02	2	109	16,496	151	17,511	161	17,296	159
AL02	1	90	13,638	152	14,283	159	14,313	159
AL01	3	85	12,728	150	13,618	160	13,500	159
AL01	2	63	9,705	154	10,259	163	10,283	163
AL01	1	46	7,303	159	7,684	167	7,751	169

Lumen Output Forward Throw Lens (FTL)

Performance Package	Setting	System Watts	30K (3000K, 80 CRI)		40K (4000K, 80 CRI)		50K (5000K, 80 CRI)	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
AL02	3	131	NA				21,336	163
AL02	2	109	NA				18,132	166
AL02	1	88	NA				15,061	171

Lumen Output Flat Glass Clear Lens (FGCL)

Performance Package	Setting	System Watts	30K (3000K, 80 CRI)		40K (4000K, 80 CRI)		50K (5000K, 80 CRI)	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
AL02	3	134	19,723	147	21,470	160	21,541	161
AL02	2	104	15,830	152	17,068	164	17,195	165
AL02	1	85	13,030	153	13,954	164	14,146	166



COMMERCIAL OUTDOOR

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