

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

Catalog	Lumens	CCT	CRI	Lens	Voltage	Wattage	Color	Packaging	Cicode	UPC	Pallet Qty
XPCNY LED ALO2 SWW2 FPCL MVOLT DWHXD M3	13,000-20,000	30K/40K/50K	80CRI	PC, Flat Clear	120-277	88-134	White	Master Pack 3	2878G4	197590143368	36
XPCNY LED ALO2 50K FTL MVOLT DWHXD M3	13,000-20,000	50K	80CRI	Forward Throw	120-277	88-134	White	Master Pack 3	2878G7	197590143399	36
XPCNY LED ALO2 57K FPCL MVOLT DWHXD M3	13,000-20,000	57K	70CRI	PC, Flat Clear	120-277	88-134	White	Master Pack 3	287GW3	197590193066	36
XPCNY LED ALO2 57K FTL MVOLT DWHXD M4	13,000-20,000	57K	70CRI	Forward Throw	120-277	88-134	White	Master Pack 3	287GW4	197590193073	36
XPCNY LED ALO2 SWW2 FPCL MVOLT DDBXD M3	13,000-20,000	30K/40K/50K	80CRI	PC, Flat Clear	120-277	88-134	Dark Bronze	Master Pack 3	2890RJ	197590552153	36

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
RF2SM	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

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-eficacy 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.

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:

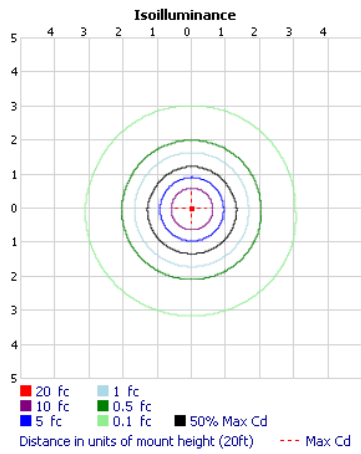
www.acuitybrands.com/support/warranty/terms-and-conditions

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.

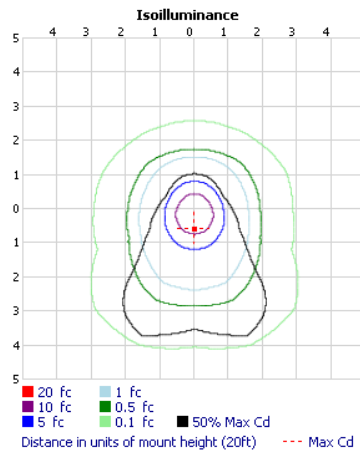


Photometric Diagrams

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

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

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					21,336	163
AL02	2	109					18,132	166
AL02	1	88					15,061	171



COMMERCIAL OUTDOOR

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