

PC-CPL

CCT and Power Adjustable Canopy Light



DESCRIPTION

The PC-CPL 10" x 10" canopy luminaire features field-selectable CCT and wattage options, delivering 3,334–11,715 lumens at 150–175 lm/W with a 135° beam angle. Designed for surface mounting, it includes an integral photocell with on/off switch and a screw-in sensor port compatible with optional PIR or microwave step-dimming sensors. The fixture is built with a premium powder-coat finish in white or dark bronze, is IP65 rated, IK10 impact-resistant, cULus certified, and DLC Premium listed for high performance and rebate eligibility.



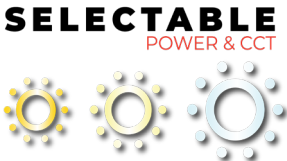
Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

ORDERING INFORMATION

LUMINAIRE					
MODEL	LUMEN PACKAGE	CCT	CONTROL	INPUT VOLTAGE	FINISH
PC-CPL Pantheon Canopy Light	SO 12,000-3,000 Lumens Standard Lumen Package	SK Selectable Kelvin (3000K/4000K/5000K)	DIM 0-10v Dimming	UNV 120-277v	DB Dark Bronze
					WH White

Custom options are available; consult factory for assistance via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.
See Page 3 for ordering information of available accessories.



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PHYSICAL	HOUSING	Die-Cast Aluminum with Dark Bronze or White Premium Powder Coat Finish
	LENS	Polycarbonate
	MOUNTING	Surface-Mount
	OVERALL DIMENSIONS	10" L x 10" W x 3.18" H
	WEIGHT	4.69 Pounds
	AMBIENT OPERATING TEMPERATURE	-40° F to 113° F
	SWITCH DEFAULTS	Default Switch Positions are Highest Power Level @ 4000K
	SENSOR RECEPTACLE	Screw-In Sensor Ready; Sensors and Remote Control Sold Separately

ELECTRICAL	POWER CONSUMPTION (field selectable)	From 19.9 to 73 Watts
	CURRENT	See "Light Distributions" Section Below.
	VOLTAGE	Universal 120-277 Voltage (50-60Hz)
	DRIVER	0-10VDC Dimming Driver
	TOTAL HARMONIC DISTORTION	< 20%
	POWER FACTOR	> 0.90
	SURGE SUPPRESSION	6kV Input Transient Surge Protection
	PHOTOCELL	Integral Photocell (Photocell can be Enabled or Disabled via Switch)

PHOTOMETRIC	LED	Field-Selectable 3000K, 4000K, and 5000K
	BEAM ANGLE	135°
	DELIVERED LUMEN OUTPUT	From 3,334 to 11,715 Delivered Lumens
	EFFICACY	From 150 to 175 Lumens per Watt
	COLOR RENDERING INDEX	> 80
	CHROMATICITY	LED chromaticity based on < 6-step ANSI quadrangles LED color maintenance < 0.0024 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
	LUMEN MAINTENANCE*	L70 > 167,000 Hours L90 > 51,000 Hours

LIGHT DISTRIBUTIONS	MEASUREMENTS	20 Watts			40 Watts			60 Watts			68 Watts			75 Watts		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	LUMENS	3,334	3,393	3,549	6,406	6,701	6,819	8,319	8,808	8,892	9,539	10,143	10,153	10,938	11,715	11,556
	WATTS	20.2	19.9	20.3	39.7	38.9	39.9	53.3	51.8	53.6	62.3	60.2	62.6	73.0	70.4	73.0
	EFFICACY	165.4	170.3	175.0	161.3	172.4	170.9	156.2	170.2	165.8	153.0	168.5	162.2	149.9	166.5	158.4
	INPUT CURRENT @ 120V	0.17	0.17	0.17	0.33	0.32	0.33	0.44	0.43	0.45	0.52	0.50	0.52	0.61	0.59	0.61
	INPUT CURRENT @ 277V	0.07	0.07	0.07	0.14	0.14	0.14	0.19	0.19	0.19	0.23	0.22	0.23	0.26	0.25	0.26

Values based on full output.

CERTIFICATIONS	SAFETY	cULus Certified for Wet Locations
	DLC	DLC Premium Listed
	INGRESS PROTECTION	IP65
	IMPACT RESISTANCE	IK10
	CODE COMPLIANCE	Complies with FCC Part 15, Class A
	WARRANTY	Five Year Limited Warranty

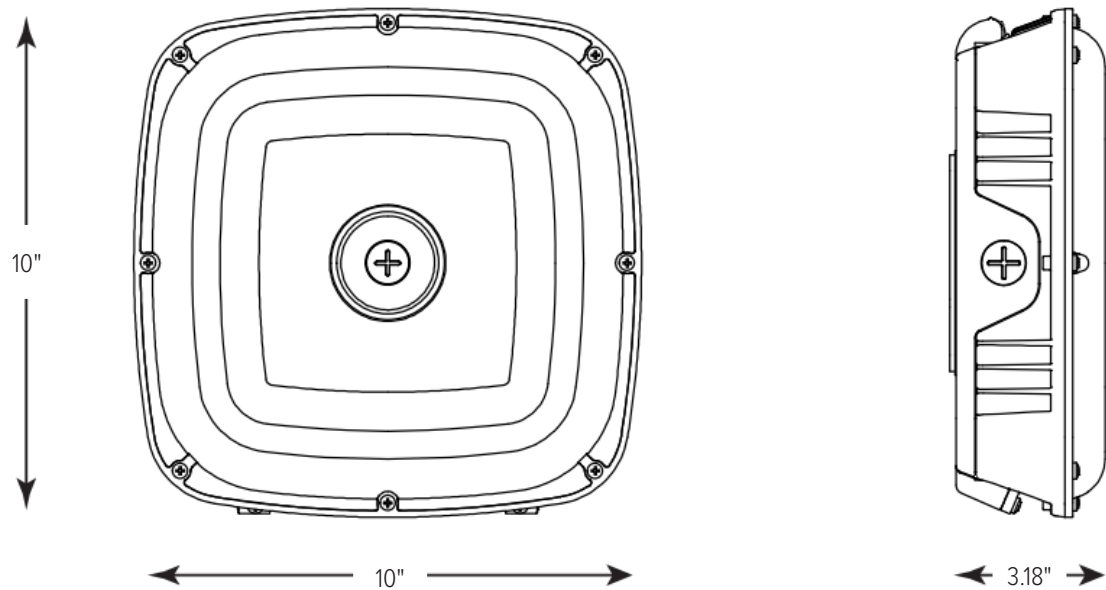
*LED life may vary under actual field conditions due to external factors. Lifetime estimates are generated from actual testing in a controlled environment. Values are conservatively derived from those numbers.

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DIMENSIONS



ACCESSORIES

SENSORS	
MODEL	DESCRIPTION
HD09VR-PH5-1	Passive Infrared Sensor - 39' Maximum Mounting Height
HD09VR-MH5-1	Microwave Step-Dimming Sensor - 49' Maximum Mounting Height
HD05R	Remote Control for Passive and Microwave HD09VR Sensors

Factory Sensor Settings: Detection Area 100%, Hold Time 5 Seconds, Standby Period 0 Seconds, Standby Dimming Level 10%, Daylight Threshold Disabled.

Note: HD05R Remote is required to change factory settings.

PHOTOMETRICS

Luminaire Data	
Description	Sensor Ready Canopy *Calculated at Highest Lumen Setting in 4000K
Total Lumens	11,715
Input Wattage	70
Efficacy (lm/W)	167
Spacing Criterion (0-180°)	1.14
Spacing Criterion (90-270°)	1.16

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-20°	1432	12.2%
0-30°	3003	25.6%
0-40°	4674	39.9%
20-50°	4723	40.3%
40-70°	4973	42.5%
0-60°	7683	65.6%
0-80°	11036	94.2%
0-90°	11514	98.3%
90-180°	201	1.7%
0-180°	11715	100%

