

PCL1

Canopy Light



DESCRIPTION

The PCL1 Canopy Light is a surface mounted luminaire ideal for applications in retail centers, business parks, schools, transit centers, and medical facilities. Depending on light level and uniformity requirements, the PCL1 can be mounted from 12 to 20 feet and is designed to replace up to a 175W metal halide fixture.



Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

ORDERING INFORMATION

LUMINAIRE						
MODEL	OUTPUT	CCT	VOLTAGE	OPTICS	FINISH	OPTION
PCL1 PCL1 Canopy Light	45W 45 Watts	40K 4000K	UNV 120-277V	T5 Type V	BRZ Bronze	SF Single Fuse (120-277VAC Models)
		50K 5000K	347V 347-480V		CC Custom RAL Color	DF Double Fuse (120-277VAC Models)
						SP Surge Protection
						PCR3 3-Pin Twist Lock Photocell Receptacle (120-277VAC Models)
						MSD Microwave Motion Sensor with Dimming ¹
						MS On/Off Microwave Motion Sensor ²
						QM Quick Mount/Pendant Mount
						EM Emergency Battery Backup (90 Minutes)
						EMC Cold-Start Emergency Battery Backup (-20°C; 90 Minutes)

Custom solutions are available; consult factory via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.

¹For mounting heights from 8' to 40'. 120-277VAC.

²For mounting heights from 8' and 19'. 120-277VAC.

See page two for ordering information of available accessories.



PHYSICAL	HOUSING	Die-Cast Aluminum Housing ½" Coin Plugs with O-Rings for Conduit and Photocell on 2 Sides and Back Nickel-Plated Stainless Steel Hardware
	LENS	Low-Profile Clear Acrylic Prismatic Lens
	FINISH	Textured Architectural Powdercoat Finish Over Chromate Conversion Coating
	MOUNTING	Standard: Mounts Directly Over 4" Recessed J-Box Optional: Suspend via ½" Surface Conduit or Quick-Mount Bracket
	MOUNTING HEIGHT	Recommended Mounting Height Between 12 to 20 Feet
	DIMENSIONS	12⅝" L x 12⅝" W x 6" H
	AMBIENT OPERATING TEMPERATURE	From -40° F to 104° F

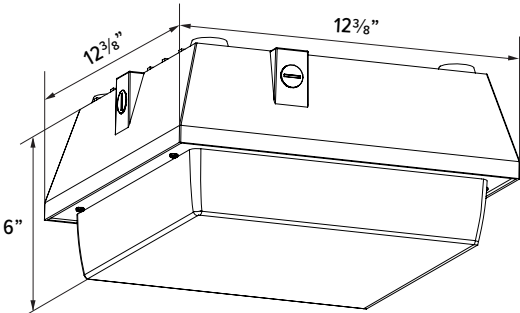
ELECTRICAL	POWER	52.6 System Watts (45.4 Watt Array)
	INPUT VOLTAGE	Universal 120-277V or Optional 347-480V, 50/60Hz
	DRIVER	Integral Electronic LED 0-10v Dimming Driver (Dimming Range of 100% to 10%)
	SURGE SUPPRESSION	Standard Internal Surge Suppression of 6kV
	TOTAL HARMONIC DISTORTION	Less than 20%
	POWER FACTOR	Greater than 0.90

PHOTOMETRIC	LED	Static White 4000K or 5000K
	COLOR RENDERING INDEX	80 CRI
	DELIVERED LUMEN OUTPUT	Up to 5427 Delivered Lumens
	EFFICACY	Up to 102 Lumens per Watt
	LUMEN MAINTENANCE*	L70 > 177,000 Hours @ 77° F

LIGHT DISTRIBUTIONS	4000K				5000K			
	LUMENS	WATTS	EFFICACY	B-U-G	LUMENS	WATTS	EFFICACY	B-U-G
	5210	53	98	2-3-2	5427	53	102	2-3-2

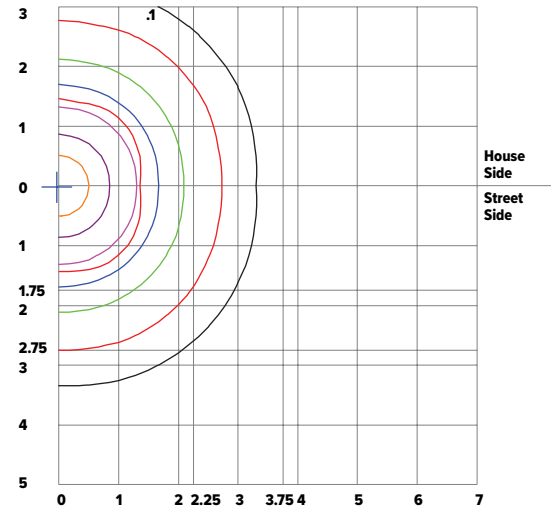
CERTIFICATIONS	SAFETY	ETL Listed for Wet Locations
	ANSI	ANSI/UL 1598, 8750
	DLC	5000K Luminaires DLC Qualified
	INGRESS PROTECTION	IP65 Sealed LED Compartment
	WARRANTY	Limited Five-Year Warranty

DIMENSIONS



* 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.

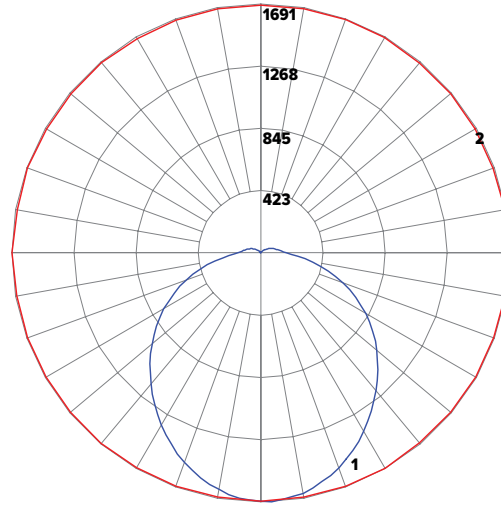
PHOTOMETRICS



Distance in Units of Mounting Height
Values Based on 10-Foot Mounting Height
1/2 Maximum Candela Trace Shown as Dashed Curve
(*) = Maximum Candela Height

PCL1-45W-50K-UNV-T5

Type 5
Grid in MH
MH = 10 Feet



Maximum Candela = 1690.54 Located at Horizontal Angle = 300, Vertical Angle = 2.5
1 - Vertical Plane through Horizontal Angles (300-120) (Through Max. Cd.)
2 - Horizontal Cone through Vertical Angle (2.5) (Through Max. Cd.)

PCL1-45W-50K-UNV-T5

Type 5

ACCESSORIES - ORDERING INFORMATION

FIELD-INSTALLED ACCESSORIES

MODEL

VNQM

Hinged Quick-Mount Bracket, Stamped Steel, for Mounting Over Recessed Electrical Box or For Use With 3/4" NPS Downrod for Pendant Mounting

P18103

120-277VAC Photocell

P17117

Internal Microwave Sensor with Dimming (for Mounting Heights of 8' to 40', 120-277VAC, 50/60Hz)

P17123

Internal Microwave On/Off Sensor (for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz)

CUSTOMIZE YOUR EXPERIENCE.

At Experience Brands, we believe every space deserves unique lighting elements. We proudly specialize in crafting solutions that reflect your personal vision. Our expert team is here to collaborate with you to design and implement customized features that elevate your environment.

Ready to Get Started? Email us at: DesignServices@exp-brands.com