

PC-MWP

CCT and Power Adjustable Full Cutoff Wall Pack



DESCRIPTION

This architecturally styled half-moon full cutoff wall pack offers both visual appeal and high performance, featuring field-selectable CCT (3000K, 4000K, or 5000K) and adjustable wattage for on-site flexibility. It comes standard with an integrated photocell and a 0–10V dimming driver with a universal input voltage range of 120–277VAC. Finished in a premium Dark Bronze powdercoat, it is available in two lumen packages: Standard Output, with a range of 5,000–8,000 lumens, or High Output, with a range of 8,000–14,000 lumens. The fixture is DLC Premium listed, IP65 rated for wet locations, and IK08 rated for impact resistance, making it ideal for a wide range of commercial and architectural exterior lighting applications.



Date: _____ Type: _____ Catalog Number: _____

Project Name: _____



ORDERING INFORMATION

LUMINAIRE					
MODEL	LUMEN PACKAGE	CCT	CONTROL	INPUT VOLTAGE	FINISH
PC-MWP Half-Moon-Style Full Cutoff Wall Pack	SO 8000/7000/5000 Standard Lumen Package	SK Selectable Kelvin (3000K/4000K/5000K)	DIM 0-10v Dimming	UNV 120-277v	DB Dark Bronze
	HO 13000/10000/8000 High Lumen Package				

Custom options may be available; consult factory for assistance via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.



SELECTABLE
POWER & CCT



PC-MWP

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		STANDARD LUMEN PACKAGE	HIGH LUMEN PACKAGE
PHYSICAL	HOUSING	Die-Cast Aluminum with Premium Powder Coat Bronze Finish	
	LENS	Polycarbonate Lens	
	MOUNTING	Wall Mounting Kit Included with Luminaire	
	OVERALL DIMENSIONS	10.46" L x 6.76" W x 4.51" H	13.98" L x 8.72" W x 6.04" H
	WEIGHT	3.8 Pounds	6.41 Pounds
	OPERATING TEMPERATURE	Ambient Operating Temperature: -40° F to 122° F	
	SWITCH DEFAULTS	Default Switch Positions are Highest Power Level @ 4000K	

ELECTRICAL	POWER CONSUMPTION (field selectable)	From 39.2 to 68.8 Watts	From 58.1 to 100.6 Watts
	CURRENT	See "Light Distributions" Section Below.	
	VOLTAGE	Universal 120-277 AC Voltage (50-60Hz)	
	DRIVER	0-10vdc Dimming Driver	
	TOTAL HARMONIC DISTORTION	< 20%	
	POWER FACTOR	> 90	
	SURGE SUPPRESSION	4kV Input Transient Surge Protection	6kV Input Transient Surge Protection
	ELECTRICAL CONNECTORS	Watertight, Compression-Style Connectors	
	PHOTOCELL	Integral Photocell (Photocell can be Enabled or Disabled via Switch)	

PHOTOMETRIC	LED	Field-Selectable 3000K, 4000K, and 5000K	
	DELIVERED LUMEN OUTPUT	From 5,483 to 8,352 Delivered Lumens	From 8,165 to 13,690 Delivered Lumens
	EFFICACY	From 114 to 151 Lumens per Watt	From 121 to 152 Lumens per Watt
	MAX. CANDELA (4000K)	4702.6 (112.5H, 3V)	7864.8 (202.5H, 2V)
	BUG RATING	B3-U0-G1	B4-U0-G2
	COLOR RENDERING INDEX	> 80	
	CHROMATICITY	LED color maintenance < 0.0031 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation. Based on < 6-step ANSI Quadrangles	
	LUMEN MAINTENANCE*	L70 > 160,000 Hours L90 > 48,000 Hours	

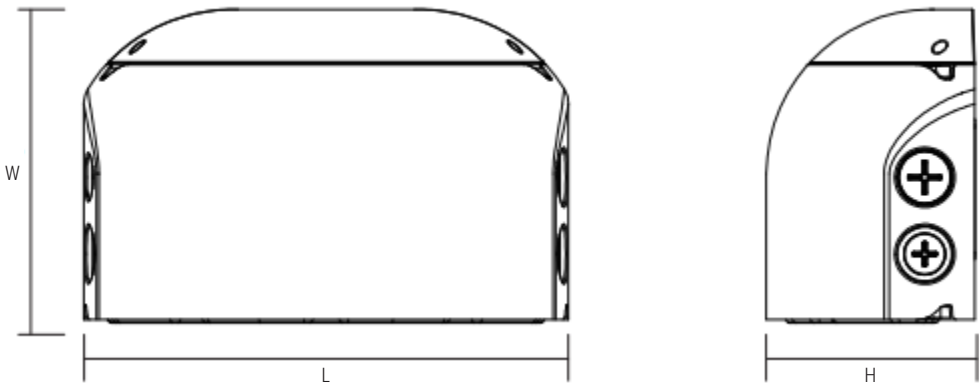
CERTIFICATIONS	SAFETY	cULus Listed for Wet Locations	
	DLC	DLC Premium Listed	
	INGRESS PROTECTION	IP65	
	IMPACT RESISTANCE	IK08	
	CODE COMPLIANCE	Complies with FCC Part 15, Class A	
	WARRANTY	Five Year Limited Warranty	

*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.

LIGHT DISTRIBUTIONS	MODEL	DATA	LOW LUMENS			MID LUMENS			HIGH LUMENS		
		CCT	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	STANDARD OUTPUT	LUMENS	5,483	5,896	5,753	6,531	7,142	6,848	7,492	8,352	7,863
		WATTS	40.9	39.2	40.7	50.9	48.5	50.5	61.2	58.2	68.8
		EFFICACY	133.9	150.6	141.2	128.2	147.2	135.5	122.5	143.6	114.2
		INPUT AMPS @ 120V	0.34	0.33	0.34	0.42	0.40	0.42	0.51	0.48	0.57
		INPUT AMPS @ 277V	0.15	0.14	0.15	0.18	0.18	0.18	0.22	0.21	0.25
	HIGH OUTPUT	LUMENS	8,165	8,839	8,627	10,420	11,438	10,960	12,233	13,690	12,876
		WATTS	60.0	58.1	60.1	80.9	77.2	80.5	100.6	95.3	100.1
		EFFICACY	136.0	152.2	143.5	128.8	148.2	136.2	121.6	143.6	128.7
		INPUT AMPS @ 120V	0.50	0.48	0.50	0.67	0.64	0.67	0.84	0.79	0.83
		INPUT AMPS @ 277V	0.22	0.21	0.22	0.29	0.28	0.29	0.36	0.34	0.36

*Values reflect delivered lumens at full output.

DIMENSIONS



Dimensions (inches)			
Model	Length (L)	Width (W)	Height (H)
Standard Lumen Package	10.46	6.76	4.51
High Lumen Package	13.98	8.72	6.04