

WALL PACK (MWP08)



DESCRIPTION

Combined with high-efficiency light engine, the classic WP08 LED wall pack family features a high-quality UV-resistant PC lens, which provides excellent lighting. It combines low cost, high performance with controls and emergency options, and the 65W and 100W also feature adjustable color temperatures for increased flexibility in the field and on distributor shelves.

SPECIFICATION FEATURES

Construction

- Rugged cast-aluminum housing with bronze polyester powder paint for outdoor applications.
- Casting thermally conducts LED heat to optimize performance and long life.
- The housing is completely sealed, providing excellent protection against moisture and environmental contaminants.

Optics

- Single CCT 4000K and 5000K are available for standard version, and the 65W, 100W offer the color tunable version, the CCT can be changed to 3000K/4000K/5000K.
- Scalable Lumen Packages from 3,400 to 15,000 Lumens.
- UV stabilized polycarbonate is available for the optic lens, the professional prismatic design offers a good light distribution control and guarantees the uniformity.

Electrical

- Universal 120-277 VAC input voltage.
- Optional 0-10V dimming and dimming range from 10%-100%.
- Both drivers have a power factor >90%, THD <20%.
- Operating Temperature Range: -40°C to 40°C (-40°F - + 104°F).
- Note: Operating with emergency battery temperature range: 10°C to 40°C (+50°F - + 104°F).

Lifespan

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty

- Five-year limited warranty.

Certifications

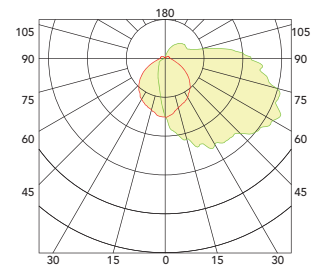
- UL cUL wet location listed.
- DesignLights Consortium™ Qualified.
- Note: DesignLights Consortium™ Qualified and classified for DLC Standard (all lumen packages), refer to www.designlights.org for details.

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 (±5°C) specifications subject to change without notice.



PHOTOMETRICS



ACCESSORIES



Photocell

Description: Photocell is field installed or pre-installed in factory by requesting



Emergency Battery Backup

Description: It can be pre-installed in factory or field installed

Only suitable for 30W, 40W, 65W, 90W, 100W.



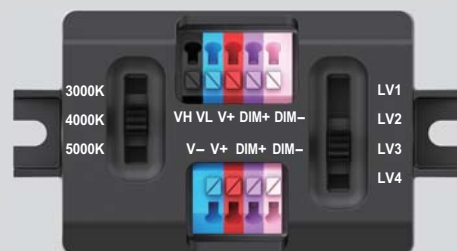
Power and CCT controller

Description:
Power adjustment range: 100%-80%-60%-40%,
CCT adjustment range: 3000K, 4000K, 5000K.
Only suitable for 65W & 100W.



CCT AND WATTAGE CONTROLLER

This fixture has the function of adjusting the lumens output and color temperature on-site.



Wattage selectable: 100%, 80%, 60%, 40%
CCT selectable: 3000K, 4000K, 5000K

PERFORMANCE DATA(@ Single CCT)

SYSTEM WATTS	VOLTAGE	CRI	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
30W	120-277VAC	70	3500lm	117 lm/W	3500lm	117 lm/W
40W	120-277VAC	70	4800lm	120 lm/W	4850lm	121 lm/W
65W	120-277VAC	70	7800lm	120 lm/W	7900lm	122 lm/W
90W	120-277VAC	70	10800lm	120 lm/W	10800lm	120 lm/W
125W	120-277VAC	70	15400lm	123 lm/W	15400lm	123 lm/W

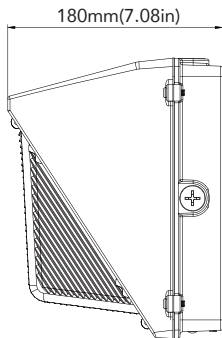
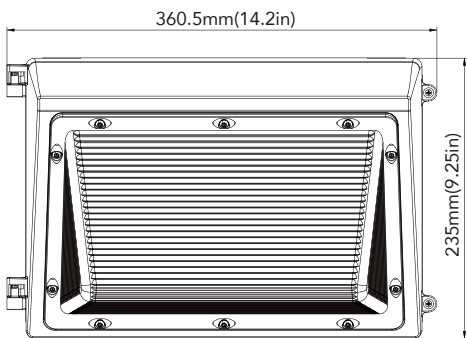
CCT AND WATTAGE ADJUSTABLE

MWP0865W								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	65W	70	7900lm	122 lm/W	8600lm	132 lm/W	8000lm	123 lm/W
80%	50W	70	6600lm	132 lm/W	7100lm	142 lm/W	6700lm	134 lm/W
60%	38W	70	5200lm	137 lm/W	5600lm	147 lm/W	5300lm	139 lm/W
40%	27W	70	3800lm	141 lm/W	4100lm	152 lm/W	3900lm	144 lm/W

MWP08100W								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	100W	70	11600lm	116 lm/W	12800lm	128 lm/W	12000lm	120 lm/W
80%	80W	70	10000lm	125 lm/W	11000lm	138 lm/W	10500lm	131 lm/W
60%	60W	70	8200lm	137 lm/W	8600lm	143 lm/W	8300lm	138 lm/W
40%	45W	70	5700lm	127 lm/W	6000lm	133 lm/W	5800lm	129 lm/W

DIMENSIONS

unit: mm/inch



Net Weight
30W: 6.327lb
40W: 6.525lb
65W: 6.724lb
90W&100W: 7.319lb
125W: 8.157lb

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	430	30	120	0.25
		30	208	0.14
		30	240	0.13
		30	277	0.11
1	610	40	120	0.33
		40	208	0.19
		40	240	0.17
		40	277	0.14
1	1110	65	120	0.54
		65	208	0.31
		65	240	0.27
		65	277	0.23
1	2270	90	120	0.75
		90	208	0.43
		90	240	0.38
		90	277	0.32
1	2500	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36
2	3300	125	120	1.04
		125	208	0.60
		125	240	0.52
		125	277	0.45

ORDERING GUIDE									Example: MWP08 40W 27V 50K Y Y Y Y Y
Fixture Type	Wattage	Voltage	CTT	Finish	Photocell (Option)	Emergency Battery (Option)	CTT and Power Adjustable	Internal Code	
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MWP08 Wall Pack Series	30 30W 40 40W 65 65W 90 90W 100 100W 125 125W	27V 120-277V	40K 4000K 50K 5000K DDK¹ Adjustable Color Temperature	D Dark Bronze B Black W White	P0 120-277V Photocell Blank Without Photocell	B² Emergency Battery Blank Without Emergency Battery	AD¹ With Adjustment Dial Blank Without Adjustment Dial	Blank Alphanumeric	

Note: 1. Only the 65W & 100W optional for DDK and AD.
2. Only 125W not suitable for emergency battery.