

WALL PACK (MWP13)



DESCRIPTION

Cast in a modern and low-profile design, MWP13 series is easily customized to fit every building's design aesthetic and a mix of architectural styling and energy savings. Available in two sizes, the MWP13 family delivers 3,600 to 13,400 lumens with a wide, uniform distribution. It's ideal for illuminating commercial office buildings, warehouses, campuses, shopping malls and other office complexes.



Small size: 45W

Large size: 100W

SPECIFICATION FEATURES

Construction

- Sealed die-casting profile for outdoor applications.
- Casting thermally conducts LED heat to optimize performance and long life.
- Suitable for applications requiring 3G testing prescribed by ANSI C136.31.

Optics

- Switchable color temperature 3000K/4000K/5000K.
- Adjustable lumen output with four lumen settings 100%, 80%, 60%, 40%.
- Scalable Lumen Packages from 5,800 to 14,400 Lumens.
- Zero uplight distributions using individual acrylic.
- High performance UV stabilized optical grade polymer refractor lenses to achieve desired distribution optimized to get maximum spacing, target lumens and a superior lighting uniformity.

Electrical

- Universal 120-277 VAC input voltage.
- 0-10V dimming standard for a dimming range of 100% to 10%.
- Both drivers have a power factor >90%, THD <20%.
- Operating Temperature Range: -40°C to 40°C (-40°F - + 104°F).

Controls

- Optional PIR sensor
- Optional photocell
- Optional Emergency Battery

Lifespan

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

Warranty

- Five-year limited warranty.

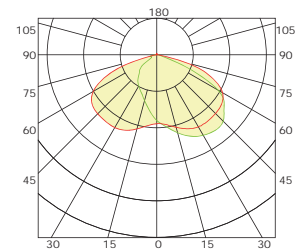
Certifications

- UL cUL wet location listed.

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



120-277V Integrated Photocell
Description: Photocell can be pre-installed in the factory before shipment



Occupancy Sensor
Description: Sensor can be pre-installed in factory or field installed



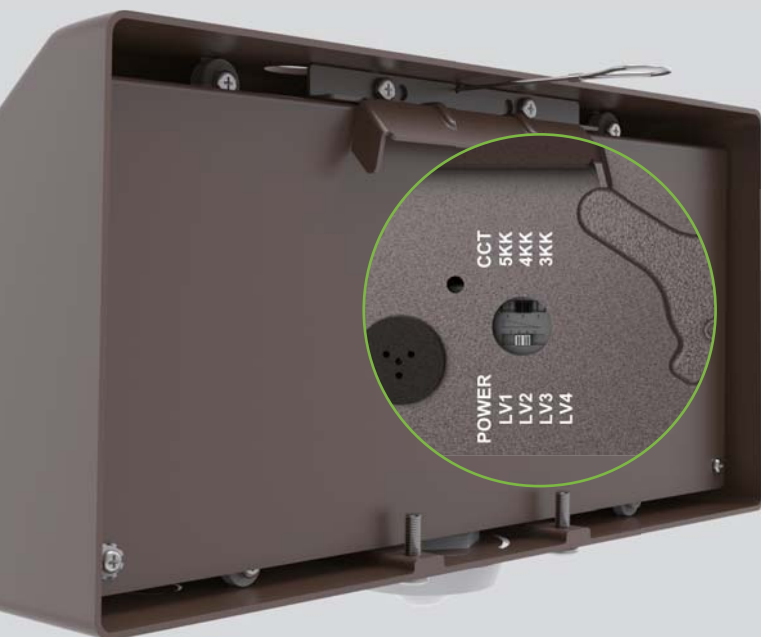
Emergency Battery Backup
Description: It can be pre-installed in factory or field installed



Surface-Mounted Back Box
Description: Easy to install to recessed J-box or surface mount.
W4.8" x H5.3" x 1.77"

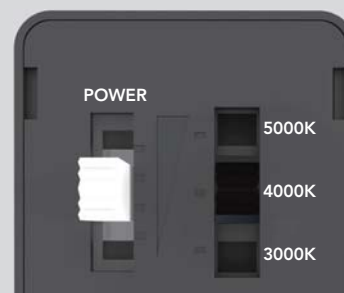


CCT and Wattage controller
Description: Allowing the contractor to set the lumen value and CCT of the fixture at the installation site.



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

MWP13 45W

SWITCH SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	45W	70	5800lm	129lm/W	6200lm	138lm/W	6000lm	133lm/W
80%	36W	70	4800lm	133lm/W	5100lm	142lm/W	4900lm	136lm/W
60%	27W	70	3700lm	137lm/W	3950lm	146lm/W	3800lm	141lm/W
40%	18W	70	2550lm	142lm/W	2700lm	150lm/W	2600lm	144lm/W

MWP13 100W

SWITCH SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	100W	70	13600lm	136lm/W	14500lm	145lm/W	14000lm	140lm/W
80%	80W	70	11100lm	139lm/W	11850lm	148lm/W	11500lm	144lm/W
60%	60W	70	8500lm	142lm/W	9100lm	152lm/W	8900lm	148lm/W
40%	40W	70	5800lm	145lm/W	6200lm	155lm/W	6050lm	151lm/W

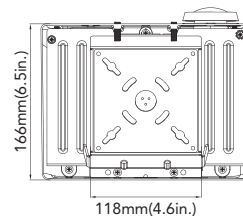
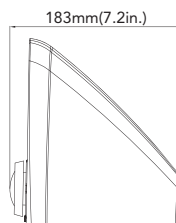
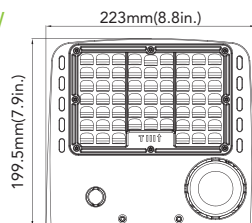
ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	680	45	120	0.38
		45	208	0.22
		45	240	0.19
		45	277	0.16
1	850	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36

DIMENSIONS

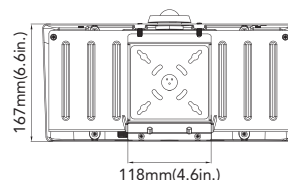
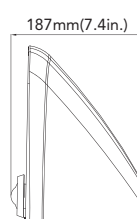
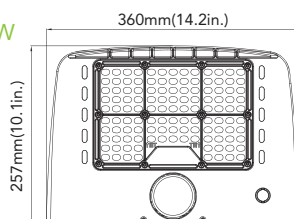
unit: mm/inch

Small size: 45W



Net Weight:
45W: 5.92lb

Large size: 100W



Net Weight:
100W: 9.41lb

ORDERING GUIDE

Example: MWP13 45W 27V DDKYYYYYY

Fixture Type	Wattage	Voltage	CCT	Finish	Photocell (Option)	Sensor (Option)	Emergency Battery (Option)	CCT and Power Adjustable	Internal Code
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
MWP13 Wall Pack Series	45 45W 100 100W	27V 120-277V	DDK Adjustable color temperature	D Dark Bronze B Black W White	P0 120-277V Photocell Blank Without Photocell	M With Sensor Blank Without Sensor	B Emergency Battery Blank Without Emergency Battery	AD With adjustment dial	Blank Alphanumeric

MOUNTING

	<p>The external portable mounting plate makes installation super easy and simple. There's no need to open fixture housing, nor drill on housing, which greatly minimize the risk of water ingress.</p>		<p>The optional external Surface-Mounted Back Box can not only support standard J-box installation but also support outer-surface conduits wiring through the 1/2" knockouts on 4 sides without a J-box.</p>
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