

FULL CUTOFF WALL PACK(MWP07)



DESCRIPTION

Combined with a comprehensive variety of battery backup, controls, and other options to meet your specification or building code and available in two sizes, full cutoff wall pack is designed for perimeter illumination for safety, security and identity. Units have protective polyester finish for long lasting appearance. Ideal for schools, factories, hospitals, warehouses and retail applications.



Medium Size 27W&45W&70W

Large Size 90W&135W

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

- Light engines are available in standard 4000 K and 5000 K (70 CRI) configurations.
- Scalable Lumen Packages from 3,700 to 18,000 Lumens.
- Tempered UV coated flat lens provide outstanding performance, uniformity and glare control.

Electrical

- Universal 120-277 or 347-480 VAC input voltage.
- Greater than 0.9 power factor, less than 20% harmonic distortion, and is suitable for operation in -40°C to 45°C ambient environments.

Lifespan

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

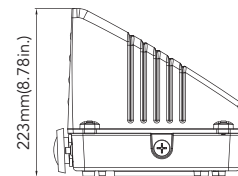
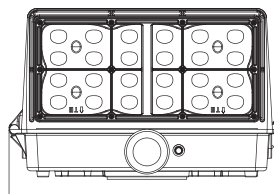
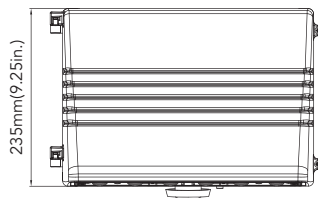
Warranty

- Five-year warranty.

DIMENSIONS

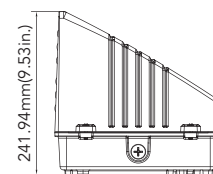
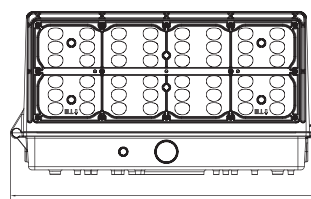
unit: mm/inch

Medium Size



Net Weight
27W: 6.567lb
45W: 6.938lb
70W: 7.143lb

Large Size



Net Weight
90W: 10.721lb
135W: 11.195lb

PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	CRI	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
27W	120-277VAC	70	3700lm	137 lm/W	3750lm	139 lm/W
45W	120-277VAC	70	6000lm	133 lm/W	6100lm	136 lm/W
	347-480VAC	70	6500lm	144 lm/W	6600lm	147 lm/W
70W	120-277VAC	70	9400lm	134 lm/W	9450lm	135 lm/W
	347-480VAC	70	9300lm	133 lm/W	9400lm	134 lm/W
90W	120-277VAC	70	12000lm	133 lm/W	12200lm	136 lm/W
	347-480VAC	70	12000lm	133 lm/W	12200lm	136 lm/W
135W	120-277VAC	70	18000lm	135 lm/W	18000lm	135 lm/W
	347-480VAC	70	18000lm	135 lm/W	18000lm	135 lm/W

PHOTOMETRICS

ACCESSORIES

Photocell
No. PC-JL-120-277V
USE: Photocell is field installed or pre-installed in factory by requesting

PIR Sensor, 120-277V
USE: Sensor can be pre-installed in factory or field installed

Emergency Battery Backup
USE: Sensor can be pre-installed in factory or field installed
Only suitable for 27W,45W,70W,90W

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	670	27	120	0.23
		27	208	0.13
		27	240	0.11
		27	277	0.10
1	1120	45	120	0.38
		45	208	0.22
		45	240	0.19
		45	277	0.16
	1200	45	347	0.13
		45	480	0.09
1	1750	70	120	0.58
		70	208	0.34
		70	240	0.29
		70	277	0.25
	1850	70	347	0.20
		70	480	0.15
		90	120	0.75
		90	208	0.43
1	2270	90	240	0.38
		90	277	0.32
		90	347	0.26
		90	480	0.19
		135	120	1.13
		135	208	0.65
2	3260	135	240	0.56
		135	277	0.49
		135	347	0.39
		135	480	0.28
	3750	135	120	1.13
		135	208	0.65

ORDERING GUIDE									Example: MWP07 45W 27V 50K Y Y Y Y Y
Fixture Type	Wattage	Voltage	CCT	Finish	Photocell (Option)	Sensor (Option)	Emergency Battery (Option)	Internal Code	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
MWP07 Wall Pack Series	27 27W 45 45W 70 70W 90 90W 135 135W	27V 120-277V 48V 347-480V	40K 4000K 50K 5000K	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	Blank Alphanumeric	

Note: 1. Only 135W do not have emergency battery option.
 2. Only 120-277V have Emergency battery option.
 3. 27W is limited to 120-277V input only.

DLC Model NO.

SYSTEM WATTS	VOLTAGE	CCT	DLC NO.	DLC Classification
27W	120-277V	4000K	MWP0727W27V40K[D,B,W][P0,Blank][M,Blank][B,Blank][A-Z,a-z,0-9,Blank]	Premium
		5000K	MWP0727W27V50K[D,B,W][P0,Blank][M,Blank][B,Blank][A-Z,a-z,0-9,Blank]	Premium
45W	120-277V	4000K	MWP0745W27V40K[D,B,W][P0,Blank][M,Blank][B,Blank][A-Z,a-z,0-9,Blank]	Premium
		5000K	MWP0745W27V50K[D,B,W][P0,Blank][M,Blank][B,Blank][A-Z,a-z,0-9,Blank]	Premium
	347-480V	4000K	MWP0745W48V40K[D,B,W][A-Z,a-z,0-9,Blank]	Premium
		5000K	MWP0745W48V50K[D,B,W][A-Z,a-z,0-9,Blank]	Premium
70W	120-277V	4000K	MWP0770W27V40K[D,B,W][P0,Blank][M,Blank][B,Blank][A-Z,a-z,0-9,Blank]	Premium
		5000K	MWP0770W27V50K[D,B,W][P0,Blank][M,Blank][B,Blank][A-Z,a-z,0-9,Blank]	Premium
	347-480V	4000K	MWP0770W48V40K[D,B,W][A-Z,a-z,0-9,Blank]	Premium
		5000K	MWP0770W48V50K[D,B,W][A-Z,a-z,0-9,Blank]	Premium
90W	120-277V	4000K	MWP0790W27V40K[D,B,W][P0,Blank][M,Blank][B,Blank][A-Z,a-z,0-9,Blank]	Premium
		5000K	MWP0790W27V50K[D,B,W][P0,Blank][M,Blank][B,Blank][A-Z,a-z,0-9,Blank]	Premium
	347-480V	4000K	MWP0790W48V40K[D,B,W][A-Z,a-z,0-9,Blank]	Premium
		5000K	MWP0790W48V50K[D,B,W][A-Z,a-z,0-9,Blank]	Premium
135W	120-277V	4000K	MWP07135W27V40K[D,B,W][P0,Blank][M,Blank][B,Blank][A-Z,a-z,0-9,Blank]	Premium
		5000K	MWP07135W27V50K[D,B,W][P0,Blank][M,Blank][B,Blank][A-Z,a-z,0-9,Blank]	Premium
	347-480V	4000K	MWP07135W48V40K[D,B,W][A-Z,a-z,0-9,Blank]	Premium
		5000K	MWP07135W48V50K[D,B,W][A-Z,a-z,0-9,Blank]	Premium

