

WALL PACK (IMWP17)



DESCRIPTION

A field-selectable upgrade allowing field selectable of light throw, CCTs, and light output—the IMWP17 series is a more flexible and powerful wall pack. It delivers superior performance in a traditional appearance while maximizing flexibility in the field and on distributor shelves. The IMWP17 uses high-quality borosilicate glass lenses and PC diffusers paired with a high-efficiency light engine to provide high-quality lighting services. Available in three different sizes, it can meet diverse lighting needs and perfectly cover the unsightly marks left by typical metal halides.



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

- Light engines are available in CCT selectable, the CCT can be changed to 3000K/4000K/5000K.
- Scalable Lumen Packages from 1,800 to 22,300 Lumens and each model offers four light output settings: 100%, 80%, 60%, 40%.
- Professionally designed optical lens with durable glass material to control light distribution and ensure uniformity.
- Selectable light throw: 0°, 15°, 30° and 45°.

Electrical

- Universal 120-277VAC input voltage.
 - Optional 0-10V dimming and dimming range from 10%-100%.
 - Four selectable Wattage levels available for each model.
 - PF >0.9, THD <15%.
 - Operating Temperature Range: -40°C to 40°C (-40°F - + 104°F).
- Note: Operating temperature range with emergency battery : 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.

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.

Controls

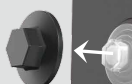
- Optional Occupancy sensor or Microwave sensor or daylight sensor.
- Optional Bluetooth sensor or Bluetooth controller.
- Silvair Luminaire Level Lighting Control (LLLC) optional.
- Sharkward Luminaire Level Lighting Control (LLLC) optional.
- Also compatible with 3rd party smart network control system.
- Compatible with high end trim.
- Optional for sensor receptacle.
- Optional photocell.
- Optional for Emergency Battery.

Certifications

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

Photocell Cap

Enable



Disable



CCT AND WATTAGE CONTROLLER

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

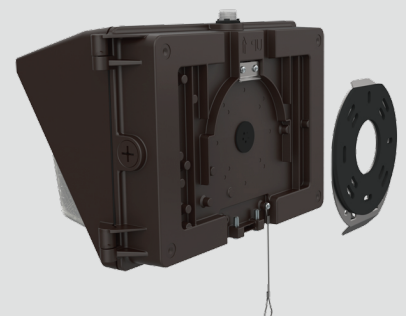


Wattage selectable range:
100%-80%-60%-40%

CCT selectable: 3000K, 4000K, 5000K

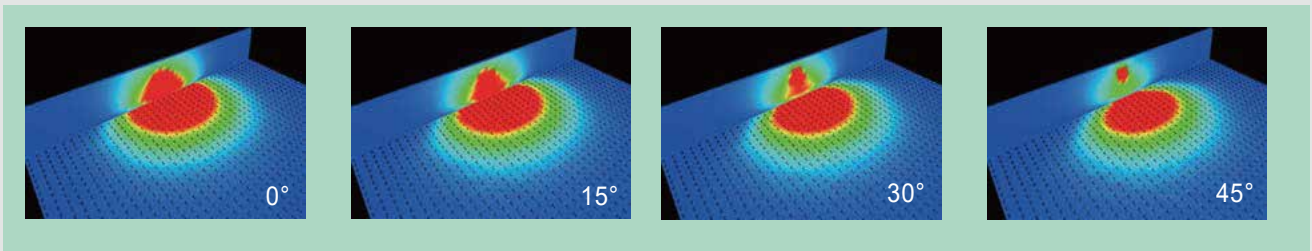
Mounting (Option)

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 ingestion.



Control the light throw with the spin of a dial

All MWP17 models include a powerful feature that can adjust the tilt of the light engine, enabling field adjustment of the degree of light thrown forward. Choose 0°, 15°, 30°, or 45° to control where the light gets thrown.

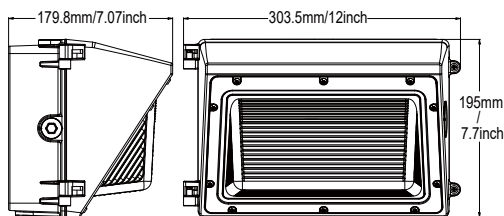


DIMENSIONS

unit: mm/inch

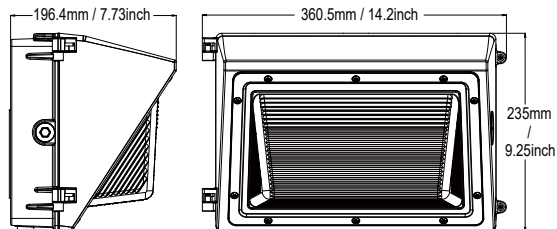
Sensor installation support

Small Size: 30W



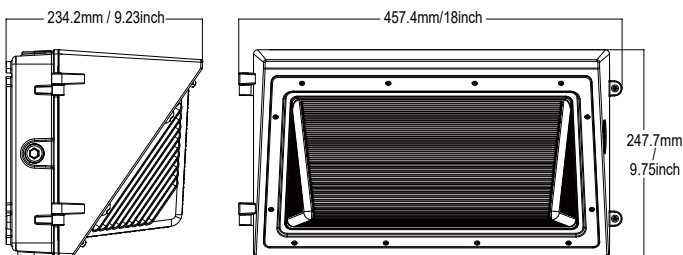
Net Weight
Plastic Diffuser
30W: 5.53 lb
Glass Diffuser
30W: 6.50 lb

Medium Size: 60W/100W



Net Weight
Plastic Diffuser
60W: 7.71 lb
100W: 8.08 lb
Glass Diffuser
60W: 9.34 lb
100W: 9.62 lb

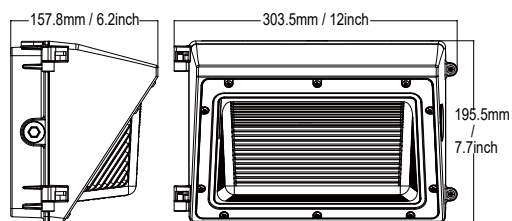
Large Size: 150W



Net Weight
Plastic Diffuser
150W: 12.49 lb
Glass Diffuser
150W: 14.62 lb

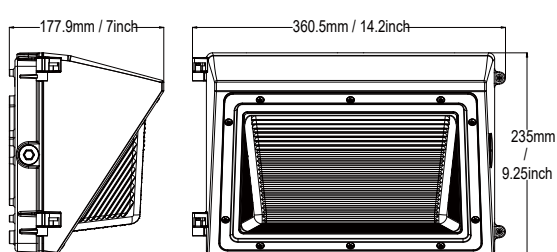
Sensor installation is not supported

Small Size: 30W



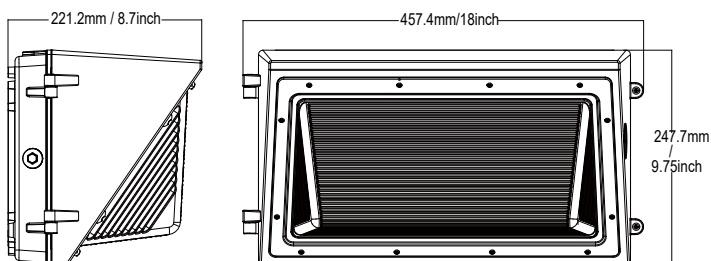
Net Weight
Plastic Diffuser
30W: 6.65 lb
Glass Diffuser
30W: 7.62 lb

Medium Size: 60W/100W



Net Weight
Plastic Diffuser
60W: 8.87 lb
100W: 9.23 lb
Glass Diffuser
60W: 10.42 lb
100W: 10.77 lb

Large Size: 150W



Net Weight
Plastic Diffuser
150W: 13.87 lb
Glass Diffuser
150W: 16.01 lb

PERFORMANCE DATA

IMWP17 30W @ 0° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	30W	80	4000lm	133lm/W	4200lm	140lm/W	4200lm	140lm/W
Level 2	24W	80	3300lm	138lm/W	3600lm	150lm/W	3480lm	145lm/W
Level 3	18W	80	2600lm	144lm/W	2800lm	156lm/W	2700lm	150lm/W
Level 4	12W	80	1800lm	150lm/W	1960lm	163lm/W	1900lm	158lm/W

IMWP17 30W @ 15° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	30W	80	4200lm	140lm/W	4400lm	147lm/W	4300lm	143lm/W
Level 2	24W	80	3500lm	146lm/W	3700lm	154lm/W	3600lm	150lm/W
Level 3	18W	80	2750lm	153lm/W	2900lm	161lm/W	2850lm	158lm/W
Level 4	12W	80	1900lm	158lm/W	2000lm	167lm/W	1950lm	163lm/W

IMWP17 30W @ 30° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	30W	80	4300lm	143lm/W	4500lm	150lm/W	4400lm	147m/W
Level 2	24W	80	3600lm	150lm/W	3800lm	158lm/W	3700lm	154lm/W
Level 3	18W	80	2800lm	156lm/W	2950lm	164lm/W	2900lm	161lm/W
Level 4	12W	80	1950lm	163lm/W	2060lm	172lm/W	2000lm	167lm/W

IMWP17 30W @ 45° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	30W	80	4400lm	147lm/W	4600lm	153lm/W	4500lm	150m/W
Level 2	24W	80	3700lm	154lm/W	3900lm	163lm/W	3800lm	158lm/W
Level 3	18W	80	2900lm	161lm/W	3100lm	172lm/W	2980lm	166lm/W
Level 4	12W	80	2000lm	167lm/W	2180lm	182lm/W	2080lm	173lm/W

IMWP17 60W @ 0° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	60W	80	7900lm	132lm/W	8300lm	138lm/W	8300lm	138lm/W
Level 2	48W	80	6700lm	140lm/W	7000lm	146lm/W	7000lm	146lm/W
Level 3	36W	80	5300lm	147lm/W	5500lm	153lm/W	5500lm	153lm/W
Level 4	24W	80	3700lm	154lm/W	3900lm	163lm/W	3900lm	163lm/W

IMWP17 60W @ 15° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	60W	80	8200lm	137lm/W	8400lm	140lm/W	8400lm	140lm/W
Level 2	48W	80	6900lm	144lm/W	7100lm	148lm/W	7100lm	148lm/W
Level 3	36W	80	5400lm	150lm/W	5600lm	156lm/W	5600lm	156lm/W
Level 4	24W	80	3800lm	158lm/W	4000lm	167lm/W	4000lm	167lm/W

IMWP17 60W @ 30° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	60W	80	8400lm	140lm/W	8600lm	143lm/W	8600lm	143lm/W
Level 2	48W	80	7000lm	146lm/W	7200lm	150lm/W	7200lm	150lm/W
Level 3	36W	80	5500lm	153lm/W	5700lm	158lm/W	5700lm	158lm/W
Level 4	24W	80	4000lm	167lm/W	4100lm	171lm/W	4100lm	171lm/W

IMWP17 60W @ 45° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	60W	80	8500lm	142lm/W	8700lm	145lm/W	8700lm	145lm/W
Level 2	48W	80	7100lm	148lm/W	7300lm	152lm/W	7300lm	152lm/W
Level 3	36W	80	5600lm	156lm/W	5800lm	161lm/W	5800lm	161lm/W
Level 4	24W	80	4050lm	169lm/W	4150lm	173lm/W	4150lm	173lm/W

IMWP17 100W @ 0° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	100W	80	12500lm	125lm/W	13300lm	133lm/W	13100lm	131lm/W
Level 2	80W	80	10400lm	130lm/W	11200lm	140lm/W	10800lm	135lm/W
Level 3	60W	80	8200lm	137lm/W	8800lm	147lm/W	8500lm	142lm/W
Level 4	40W	80	5700lm	143lm/W	6200lm	155lm/W	6000lm	150lm/W

MWP17 100W @ 15° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	100W	80	13000lm	130lm/W	13800lm	138lm/W	13500lm	135lm/W
Level 2	80W	80	10800lm	135lm/W	11700lm	146lm/W	11300lm	141lm/W
Level 3	60W	80	8500lm	142lm/W	9200lm	153lm/W	8800lm	147lm/W
Level 4	40W	80	6000lm	150lm/W	6400lm	160lm/W	6200lm	155lm/W

IMWP17 100W @ 30° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	100W	80	13300lm	133lm/W	14000lm	140lm/W	13600lm	136lm/W
Level 2	80W	80	11000lm	138lm/W	11800lm	148lm/W	11400lm	143lm/W
Level 3	60W	80	8600lm	143lm/W	9300lm	155lm/W	8900lm	148lm/W
Level 4	40W	80	6100lm	153lm/W	6500lm	163lm/W	6300lm	158lm/W






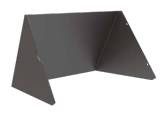

IMWP17 100W @ 45° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	100W	80	13500lm	135lm/W	14200lm	142lm/W	13800lm	138lm/W
Level 2	80W	80	11400lm	143lm/W	12000lm	150lm/W	11600lm	145lm/W
Level 3	60W	80	8700lm	145lm/W	9400lm	157lm/W	9000lm	150lm/W
Level 4	40W	80	6200lm	155lm/W	6600lm	165lm/W	6400lm	160lm/W

IMWP17 150W @ 0° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	150W	80	19000lm	127lm/W	20000lm	133lm/W	20000lm	133lm/W
Level 2	120W	80	15800lm	132lm/W	16600lm	138lm/W	16600lm	138lm/W
Level 3	90W	80	12500lm	139lm/W	13200lm	147lm/W	13200lm	147lm/W
Level 4	60W	80	8600lm	143lm/W	9300lm	155lm/W	9300lm	155lm/W

IMWP17 150W @ 15° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	150W	80	19500lm	130lm/W	21000lm	140lm/W	21000lm	140lm/W
Level 2	120W	80	16400lm	137lm/W	17500lm	146lm/W	17500lm	146lm/W
Level 3	90W	80	13000lm	144lm/W	13700lm	152lm/W	13700lm	152lm/W
Level 4	60W	80	9000lm	150lm/W	9500lm	158lm/W	9500lm	158lm/W

IMWP17 150W @ 30° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	150W	80	20000lm	133lm/W	21800lm	145lm/W	21800lm	145lm/W
Level 2	120W	80	16800lm	140lm/W	18200lm	152lm/W	18200lm	152lm/W
Level 3	90W	80	13200lm	147lm/W	14300lm	159lm/W	14300lm	159lm/W
Level 4	60W	80	9300lm	155lm/W	9900lm	165lm/W	9900lm	165lm/W

IMWP17 150W @45° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	150W	80	20500lm	137lm/W	22300lm	149lm/W	22300lm	149lm/W
Level 2	120W	80	17200lm	143lm/W	18500lm	154lm/W	18500lm	154lm/W
Level 3	90W	80	13400lm	149lm/W	14500lm	161lm/W	14500lm	161lm/W
Level 4	60W	80	9500lm	158lm/W	10000lm	167lm/W	10000lm	167lm/W

ACCESSORIES(Optional)			
	Emergency Battery Backup Description: 8W 900lm 90min, suit for 60W, 100W, 150W. 5W 600lm 90min, suit for 30W.		Wire Guard
	CCT and Wattage controller Description: Wattage selectable range: 100%-80%-60%-40%. CCT selectable range: 3000K, 4000K, 5000K.		External installation accessories
	Plug-and-Play PIR Sensor PIR sensor: MSANT12VPH01 Bluetooth PIR sensor: MSANT12VPHS01(Silvair System)/MSANT12VPHG01(GEBC System) Description: 100% sensitivity, Hold on time: 5min, Daylight Threshold: disable, Standby Dimming Level: 30%, Dimming time: 30minutes.		External Glare Shield
	Plug-and-Play Microwave Sensor Microwave Sensor: MSANT12VMH01 Bluetooth microwave sensor: MSANT12VMHS01(Silvair System)/MSANT12VMHG01(GEBC System) Description: 100% sensitivity, Hold on time: 5min, Daylight Threshold: disable, Standby Dimming Level: 30%, Dimming time: 30minutes.		

ORDERING GUIDE											IMWP17 60W 27V DDK Y Y Y Y Y Y Y Y
Fixture Type	Wattage	Voltage	CCT	Finish	Photocell (Option)	Emergency Battery(Optional)	Sensor (Option)	CCT and Wattage Selectable Switch	Lens (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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IMWP17 Wall Pack Series	30 30W 60 60W 100 100W 150 150W	27V 120-277V 48V 347-480V	DDK Selectable color temperature	D Dark Bronze B Black W White	P 120-277V Photocell Blank Without Photocell	B Emergency Battery Blank Without Emergency Battery	M With PIR Sensor and sensor receptacle BS Bluetooth Sensor DS Daylight Sensor Blank Without Sensor	AD With Selectable Switch	C Clear Diffuser G Glass Diffuser	Blank Alphanumeric	

Note:

1. 347-480V only suit for 100W and 150W.
2. Emergency battery only suit for 120-277V.