



DESCRIPTION

The brand-new IMWP15 series of LED Wall Pack, available in two size and the power from 38W to 135W, can replace up to 400W MH. Uniform light distribution and excellent LED lumen maintenance rate, high energy efficiency, low cost, while taking into account the stylish design, ensure that the fixture has a long service life. WP15 also has on-site dimmable output and CCT settings, allowing the contractor to set the lumen value and CCT of the fixture at the installation site to a level that is perfectly suitable for the work site. Emergency egress battery and light control are optional, which is an ideal choice to meet any daily wall-mounted lighting applications.



SPECIFICATION FEATURES

Construction

- Two-piece die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber.
- Casting thermally conducts LED heat to optimize performance and long life.
- The design with zero uplight meets the requirements of dark sky.

Optics

- The MWP15 supports adjustable color temperature (3000K&4000K&5000K).
- Scalable Lumen Packages from 5,600 to 15,500 Lumens.
- Anti-UV prismatic translucent len is designed to shape the light distribution and uniformity.

Electrical

- Universal 120-277 or 347-480 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).

Controls

- 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

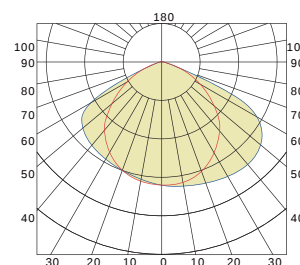
- UL cUL wet location listed.
 - DesignLights Consortium™ Qualified.
- Note: DesignLights Consortium™ Qualified and classified for DLC Premium (all lumen packages), refer to www.designlights.org for details.

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(Optional)



Photocell

USE: Photocell can be pre-installed in factory.



PIR Sensor, 120-277V

Description: External sensor can be pre-installed in factory or field installed



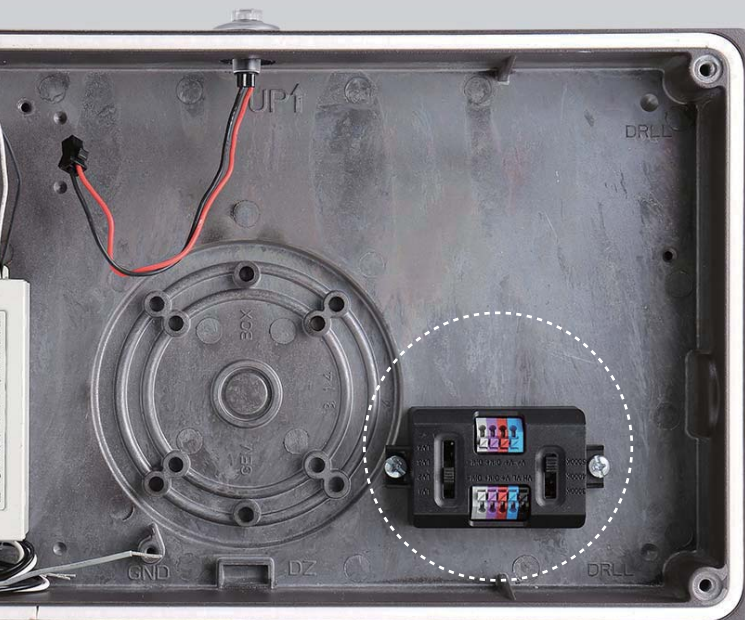
Emergency Battery Backup

Description: It can be pre-installed in factory or field installed.
Only suitable for 38W,65W.



Power and CCT controller

Description:
Power adjustment range: 100%-80%-60%-40%,
CCT adjustment range: 3000K, 4000K, 5000K.
Only suitable for 38W,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 (@ CCT Dial)

SYSTEM WATTS	VOLTAGE	CRI	LUMENS (3000K)	LPW (3000K)	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
38W	120-277VAC	70	5600lm	147 lm/W	6000lm	158 lm/W	5700lm	150 lm/W
65W	120-277VAC	70	9500lm	146 lm/W	10000lm	154 lm/W	9700lm	149 lm/W
65W	347-480VAC	70	9400lm	145 lm/W	9900lm	152 lm/W	9500lm	146 lm/W
100W	120-277VAC	70	14800lm	148 lm/W	15500lm	155 lm/W	15000lm	150 lm/W
100W	347-480VAC	70	14000lm	140 lm/W	15000lm	150 lm/W	14500lm	145 lm/W

PERFORMANCE DATA (@ Single CCT)

SYSTEM WATTS	VOLTAGE	CRI	LUMENS (3000K)	LPW (3000K)	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
38W	120-277VAC	70	5600lm	147 lm/W	5700lm	150 lm/W	5700lm	150 lm/W
65W	120-277VAC	70	9500lm	146 lm/W	9700lm	149 lm/W	9700lm	149 lm/W
65W	347-480VAC	70	9400lm	145 lm/W	9500lm	146 lm/W	9500lm	146 lm/W
100W	120-277VAC	70	14800lm	148 lm/W	15000lm	150 lm/W	15000lm	150 lm/W
100W	347-480VAC	70	14000lm	140 lm/W	14500lm	145 lm/W	14500lm	145 lm/W
135W	120-277VAC	70	19000lm	141 lm/W	20000lm	148 lm/W	20000lm	148 lm/W

ADJUSTABLE LUMEN OUTPUT TABLE

		38W		65W		100W	
SETTING	VOLTAGE	SYSTEM WATTS	LUMENS (5000K)	SYSTEM WATTS	LUMENS (5000K)	SYSTEM WATTS	LUMENS (5000K)
100%	120-277VAC	38.12	5690.70	64.93	9816.80	103.20	14950.00
80%	120-277VAC	30.95	4871.24	49.30	7873.07	84.21	12725.44
60%	120-277VAC	23.01	3697.60	34.47	5782.90	61.92	9548.57
40%	120-277VAC	16.89	2789.20	23.37	4042.90	42.83	6667.70

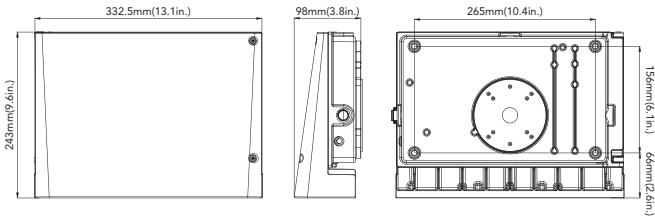
ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	680	38	120	0.32
		38	208	0.18
		38	240	0.16
		38	277	0.14
1	980	65	120	0.54
		65	208	0.31
		65	240	0.27
		65	277	0.23
	1850	65	347	0.19
		65	480	0.14
1	850	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36
	2520	100	347	0.29
		100	480	0.21
1	1200	135	120	1.13
		135	208	0.65
		135	240	0.56
		135	277	0.49

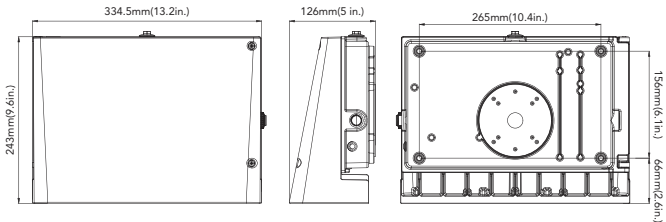
DIMENSIONS

unit: mm/inch

Small Size:
For 38W,65W CCT dial
For 38W,65W,100W,135W single CCT



Large Size:
For 100W CCT dial



ORDERING GUIDE

Example: IMWP15 65W 27V DDK Y Y Y Y Y

	Fixture Type	Wattage	Voltage	CCT	Finish	Photocell (Option)	Emergency Battery (Option)	Sensor (Option)	CCT and Power Adjustable	Internal Code
IUS										
I	MWP15 Wall Pack Series	38 38W 65 65W 100 100W 135 135W	27V 120-277V 48V ² 347-480V	DDK ¹ Adjustable color temperature 40K 4000K 50K 5000K	D Dark Bronze B Black W White	P 120-277V Photocell Blank Without Photocell	B ³ Emergency Battery Blank Without Emergency Battery	M With Sensor Blank Without Sensor	AD ¹ With Adjustment Dial Blank Without Adjustment Dial	Blank Alphanumeric

Note: 1. CCT adjustable(3000K/4000K/5000K).
2. Only 65W and 100W optional for 347-480V.
3. Battery only suitable for 38W, 65W.
4. 135W only optional for single CCT.