DESCRIPTION

The brand-new E2- WPF-WP15 Series of LED Wall Pack, is available from 26W to 135W, and can replace up to 400W MH. It has uniform light distribution and excellent LED lumen maintenance rate, high energy efficiency, low cost, stylish design, and a long service life. It 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 project. Emergency back up 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.
- Suitable for applications requiring 3G testing prescribed by ANSI C136.31.

Optics

- The 135W is available in standard 3000K 4000K and 5000K configurations and the other powers are supports adjustable color temperature (3000/4000/5000K).
- Scalable Lumen Packages from 3,800 to 20,000 Lumens.
- Anti-UV prismatic translucent len is designed to shape the light distribution and uniformity.

Electrical

- Universal 120-277 or 347-380 VAC input voltage.
- 1-10V Dimming.
- 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 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℃(±5℃) specifications subject to change without notice.

PHOTOMETRICS
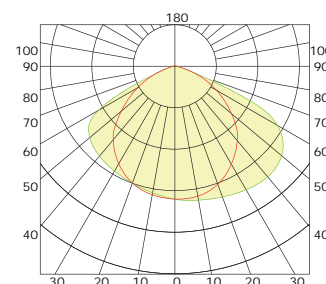
ACCESSORIES(Option)

Photocell
USE: 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

Power and CCT controller
USE: The wattage and CCT can be changed by switch selection on the controller. Only suitable for 26W,38W,65W,100W.

DESIGN

Photocell (Option)
Optional photocell allows for security and energy saving

Housing
Two-piece die-cast aluminum housing with optimal thermal management both enhances LED efficacy and extends fixture's life.

Optics
Zero uplight distributions. Independently designed optical lens, using anti-UV material to maximize the lighting effect while reducing glare.

Mounting
The E2-WPF-WP15 can be mounted directly over a standard4' and 5' electrical junction box. Three 1/2 inch conduit holes on three sides allow for surface conduit wiring.

Emergency(Option)
8W Emergency battery, 900lm, 90min.

Power and CCT controller(Option)
The wattage and CCT can be changed by switch selection on the controller, it easy and very fast to meet the varied requirements.

PERFORMANCE DATA (@ CCT Dial)

SYSTEM WATTS	VOLTAGE	CRI	LUMENS (3000K)	LPW (3000K)	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
26W	120-277VAC	70	3800lm	146 lm/W	4000lm	154 lm/W	3900lm	150 lm/W
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)
26W	120-277VAC	70	3800lm	146 lm/W	3900lm	150 lm/W	3900lm	150 lm/W
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

SETTING	VOLTAGE	26W SYSTEM WATTS	26W LUMENS (5000K)	38W SYSTEM WATTS	38W LUMENS (5000K)	65W SYSTEM WATTS	65W LUMENS (5000K)	100W SYSTEM WATTS	100W LUMENS (5000K)
100%	120-277VAC	26.45	3918.10	38.12	5690.70	64.93	9816.80	103.20	14950.00
80%	120-277VAC	21.42	3374.27	30.95	4871.24	49.30	7873.07	84.21	12725.44
60%	120-277VAC	15.50	2502.50	23.01	3697.60	34.47	5782.90	61.92	9548.57
40%	120-277VAC	11.31	1882.00	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	430	26	120	0.22
		26	208	0.13
		26	240	0.11
		26	277	0.09
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 dimensions: 332.5mm(13.1in.) · 98mm(3.8in.) · 265mm(10.4in.) · 243mm(9.6in.) · 156mm(6.1in.) · 66mm(2.6in.)

Large Size dimensions: 334.5mm(13.2in.) · 126mm(5 in.) · 265mm(10.4in.) · 243mm(9.6in.) · 156mm(6.1in.) · 66mm(2.6in.)
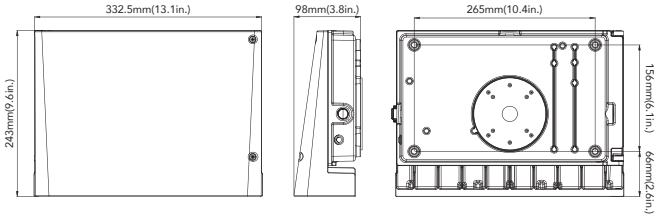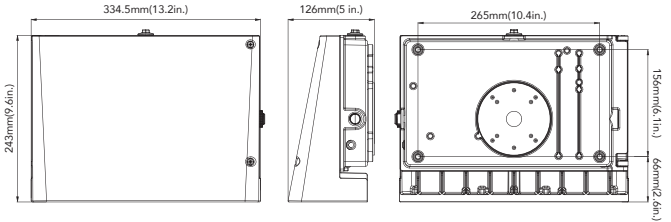
ORDERING GUIDE

Example: E2-WPF-WP15-38W-30/40/50K

Fixture Type	Wattage	Voltage	CCT	Finish	Photocell (Option)	Emergency Battery (Option)	CCT and Power Adjustable	Internal Code
E2-WPF-WP15 Wall Pack Series	**26** 26W **38** 38W **65** 65W **100** 100W **135** 135W	**27V** 120-277V **48V²** 347-480V	**30/40/50K** Adjustable color temperature **40K** 4000K **50K** 5000K	**D** Dark Bronze	**P** 120-277V Photocell **Blank** Without Photocell	**-E** Emergency Battery **Blank** Without Emergency Battery	30/40/50K With Adjustment Dial Single CCT Without Adjustment Dial	**Blank** **Alphanumeric**

Note: 1. CCT adjustable(3000K/4000K/5000K).
      3. Battery only suitable for 27W,45W,65W.
      2. Only 65W and 100W optional for 347-480V.
      4. 135W only optional for single CCT.