WPK15 SERIES   FULL CUT-OFF WALL PACK

fme Lighting | ILLUMINATING INDUSTRIAL APPLICATIONS

Project:	
Type:	
Catalog #:	

DLC QPL PREMIUM · UL CERTIFIED · WET LOCATION · 5 YEAR LIMITED WARRANTY

DESCRIPTION

The brand-new WPK15 series of LED Wall Pack, available only in one size and the power from 26W 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. WPK15 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.

CONSTRUCTION

• Two-piece die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber.
• Casting thermally condusting LED heat to optimize performance and long life.
• Suitable for applications requiing 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 (3000K&4000K&5000K).
• Scalable lumen packages from 3,700lm to 10,000lm.
• Anti-UV prismatic translucent lens designed to shape the light distribution and uniformity.

ELECTRICAL

• Universal 120-277VAC input voltage
• 1-10V dimming.
• Both drivers have a power factor of >90%, THD <20%
• Operating temperature range: -40°C to 40°C (-40°F to 104°F).
     NOTE: Operating with EM battery: 10°C to 40°C (50°F to 104°F).

CONTROLS

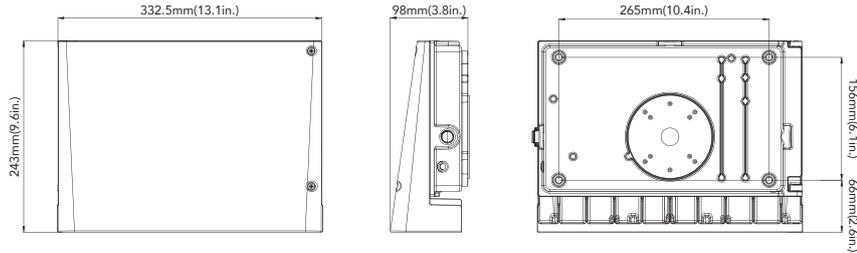• Optional photocell.
• Optional emergency battery.

LIFESPAN

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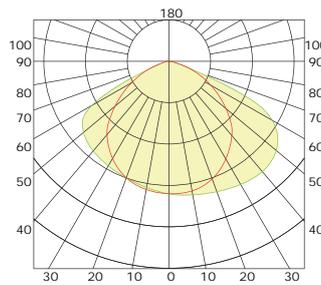
WARRANTY

• Five-year warranty.

DIMENSIONS
unit: mm/inch

332.5mm(13.1in.) 243mm(9.6in.)
98mm(3.8in.)
265mm(10.4in.) 158mm(6.1in.) 66mm(2.6in.)

PHOTOMETRICS

ACCESSORIES

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.

ORDERING GUIDE

Fixture Type	Wattage	Voltage	CCT	Finish	Photocell (Option)	Emergency Battery (Option)	CCT and Power Adjustable	Internal Code
WPK15 Wall Pack Series	**A =** 26W **B =** 38W **C =** 65W **D =** 100W **E =** 135W	**LV** 120-277V	**DDK**[1] Adjustable color temperature **4K** 4000K **5K** 5000K	**D** Dark Bronze **B** Black **W** White	**PC** 120-277V Photocell **Blank** Without Photocell	**EM** Emergency Battery **Blank** Without Emergency Battery	**AD** With Adjustment Dial **Blank** Without Adjustment Dial	**Blank** Alphanumeric

NOTE:
 • Battery only available for 26W,38W,65W.
 • 347-480V only available for 65W and 100W
 • DDK (tunable CCT) option not available for 135W - ONLY 4000K or 5000K

STRUCTURAL 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.

Mounting
MWP15 can be mounted directly over a standard 4' 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
The wattage and CCT can be changed by switch selection on the controller, it easy and very fast to meet the varied requirements.

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

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		38W		65W		100W	
		SYSTEM WATTS	LUMENS (5000K)	SYSTEM WATTS	LUMENS (5000K)	SYSTEM WATTS	LUMENS (5000K)	SYSTEM WATTS	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