WPK8 SERIES   WALL PACK

FME Lighting | ILLUMINATING INDUSTRIAL APPLICATIONS

Project:	
Type:	
Catalog #:	

DLC QPL LISTED   c UL us LISTED   WET LOCATION   5 YEAR LIMITED WARRANTY

DESCRIPTION

Combined with high-efficiency light engine, the classic WPK8 LED wall pack family features a high-quality UV-resistant PC lens, which provides excellent lighting. It is high performance with controls and emergency options, plus adjustable/tunable CCT for 65W and 100W versions.

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

• Single CCT 4000K and 5000K are available for standard version, and the 65W, 100W offer the color tunable version, the CCT can be changed to "tunable" 3000K/4000K/5000K
• Scalable lumen packages from 3,400lm to 15,000lm
• UV stabilized polycarbonate is available for the optic lens, the professional prismatic design offers a good light distribution control and guarantees the uniformity.

ELECTRICAL

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

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.
• DLC Qualified

ACCESSORIES

Photocell
USE: Photocell is field installed or pre-installed in factory by request

Emergency Battery Backup
Can be pre-installed in factory or field installed Only: 30W,40W,65W,90W,100W.

Power and CCT controller
The wattage and CCT can be changed by switch selection on the controller.
Only: 65W & 100W.

PHOTOMETRICS

DIMENSIONS
unit: mm/inch

360.5mm(14.2in)   235mm(9.25in)   180mm(7.08in)
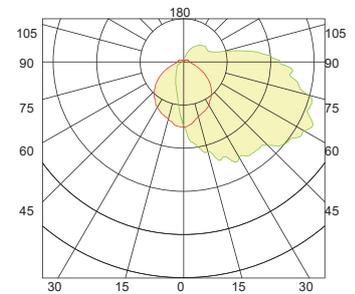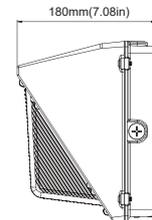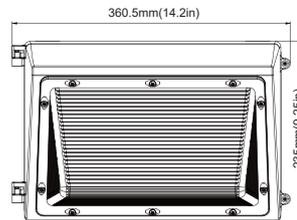
Net Weight
30W: 6.327lb
40W: 6.525lb
65W: 6.724lb
90W&100W: 7.319lb
125W: 8.157lb

ORDERING GUIDE

MODEL	WATTAGE	VOLTAGE	CCT	FINISH	OPTIONS
WPK8 Wall Pack	**30** 30W **40** 40W **65** 65W **90** 90W **125** 125W	**LV** 120-277V **HV** 347-480V	**I** 4000K **C** 5000K **T** Tunable*	**D** Dark Bronze **B** Black **W** White	**P0** Photocell **EM** Emergency Battery Backup **SP** Surge Suppression **AD** Adjustment Dial* (for tunable CCT)

* Only available with 65W and 100W

CCT AND POWER ADJUSTABLE

SYSTEM WATTS	VOLTAGE	CRI	LUMENS (3000K)	LPW (3000K)	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
65W	120-277VAC	70	7700lm	118 lm/W	8300lm	128 lm/W	7900lm	122 lm/W
100W	120-277VAC	70	11500lm	115 lm/W	12000lm	120 lm/W	11600lm	116 lm/W

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ADJUSTABLE LUMEN OUTPUT TABLE

SETTING	CCT	CRI	SYSTEM WATTS (65W)	LUMENS (65W)	SYSTEM WATTS (100W)	LUMENS (100W)
100%	3000K	70	67.17	7761.40	99.40	11604.80
	4000K	70	63.67	8334.40	94.13	12123.00
	5000K	70	67.30	7950.20	99.88	11702.10
80%	3000K	70	55.34	6695.36	87.62	10620.13
	4000K	70	52.46	7189.66	82.97	11094.36
	5000K	70	55.45	6857.84	88.04	10708.59
60%	3000K	70	40.97	5275.51	62.02	8200.25
	4000K	70	38.84	5664.98	58.73	8566.43
	5000K	70	41.05	5403.75	62.32	8268.70
40%	3000K	70	27.50	3769.14	38.68	5512.80
	4000K	70	26.06	4047.40	36.63	5758.97
	5000K	70	27.55	3860.62	38.87	5558.50

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	430	30	120	0.25
		30	208	0.14
		30	240	0.13
		30	277	0.11
1	610	40	120	0.33
		40	208	0.19
		40	240	0.17
		40	277	0.14
1	1110	65	120	0.54
		65	208	0.31
		65	240	0.27
		65	277	0.23
1	2270	90	120	0.75
		90	208	0.43
		90	240	0.38
		90	277	0.32
1	2500	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36
2	3300	125	120	1.04
		125	208	0.60
		125	240	0.52
		125	277	0.45

PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	CRI	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
30W	120-277VAC	70	3400lm	113 lm/W	3500lm	117 lm/W
40W	120-277VAC	70	5000lm	125 lm/W	5100lm	128 lm/W
65W	120-277VAC	70	7800lm	120 lm/W	7900lm	122 lm/W
90W	120-277VAC	70	10500lm	117 lm/W	10500lm	117 lm/W
125W	120-277VAC	70	15000lm	120 lm/W	15000lm	120 lm/W