

Project	
Notes	
Type	Date
Cat. No.	

WPE2™ Series

Large LED Wall Pack Luminaire

DESCRIPTION

The Aleo WPE2™ Series combines energy-efficiency, high performance, and rugged construction with a familiar and traditional look to deliver enhanced performance to outdoor wall-mounted lighting applications. Rugged die-cast housing provides advanced thermal management for long life and weather-proof compartment to withstand challenging, outdoor environments. Traditional look helps to maintain familiar building aesthetics.

APPLICATIONS

Outdoor wall-mount applications. Building facade. Retail, commercial, industrial exteriors

Specification Features

Construction

Rugged, die-cast housing with advanced thermal management system ensures reliability and durability. Weather-proof, gasketed compartment protects electronics against environmental elements.

Optical System

High performance LED platforms delivers high efficiency and long life. Prismatic glass lens designed for superior light distribution and uniformity. Type IV VS comes standard.

Certification

ETL Listed. All components have safety certification. DLC QPL Listed

Warranty

7-year Limited Warranty. See warranty documentation for more information.

Electrical

Luminaire utilizes high-efficacy LED packages maintained at cool temperatures for long life, high efficacy. Reliable driver features universal voltage (120-277V) for convenient installation.

Installation / Mounting

Designed to be wall-mounted higher than 4-ft. from the ground. Luminaire to be mounted directly over standard 4" junction box (supplied by others) or surface mount and wiring connection through convenient 1/2" threaded conduit entry hub.

Controls / Dimming

Continuous dimming (0-10V) comes standard. Suitable for use with dimmers, sensors, daylight harvesting and other control strategies to achieve deeper energy-savings and code compliance.



WPE2 Series

90W, 120W



Quick Ship

WPE2-90/50K
WPE2-120/50K

Ordering Information

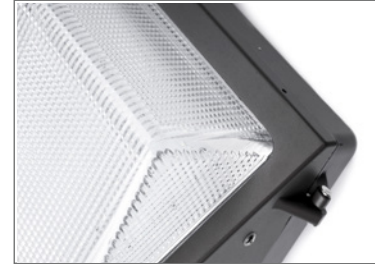
Example: WPE2-90/50K

WPE2	90	50K	[Blank]	[Blank]	[Blank]
Series	Nominal Wattage	Color Temp	Input Voltage	Controls	Finish Color*
WPE2 LED Traditional Wall Pack	90 90W 120 120W	50K 5000K	Blank 120V-277V	PC-UNV Photocell (120V/277V) OSDL/IR Multi-Level Occ. Sensor w/ wireless config. Emergency Backup EM700 700 lm EM1400 1400 lm	Blank Dark Bronze RAL#8019 -WH White RAL#9003 -BLK Black RAL#9011 -SLV Silver RAL#9006
* Contact Factory for additional finish colors					

Specifications and Dimensions subject to change without notice.

Performance Summary

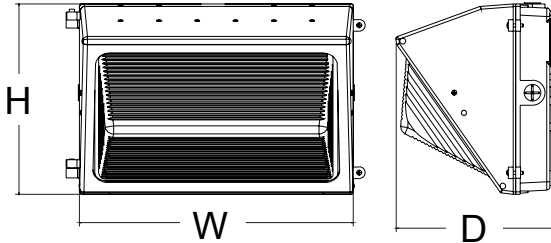
Input Voltage	120V-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	117 LPW (typ.)
CRI	70+, R9 > 0
Available CCT ¹	4000K, 4500K, 5000K
Rated Life	50,000 hours
Power Factor	> 0.9
THD	< 20%
IP Rating	IP65
Operating Temps.	-20°C to 50°C
Surge Protection (WPE2-90)	2kA
Surge Protection (WPE2-120)	4kA



Performance Data

Catalog No.	Rated Wattage (W)	Tested Wattage (W)	5000K	
			Delivered Lumens (lm)	Efficacy (lm/W)
WPE2-90	90	89.9	10,566	117
WPE2-120	120	115.99	14,475.5	121

Product Dimensions



Model No.	H	W	D
WPE2-90	5.8" (230.0mm)	18.3" (465.0mm)	5.8" (232.2mm)
WPE2-120	5.8" (230.0mm)	18.3" (465.0mm)	5.8" (232.2mm)

DLC QPL Data

QPL Model No.	Product ID	Technical Req.	Classification	Primary Use
WPE2-90/40K	P6T1RTE	4.2	Standard	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
WPE2-90/45K	PLI69V3PGJ2Z	4.2	Standard	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
WPE2-90/50K	PLP3SVIMBT8A	4.2	Standard	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
WPE2-120/40K	PL7LVRFYRT61	4.2	Standard	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
WPE2-120/45K	PLKIZNTN61PW	4.2	Standard	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
WPE2-120/50K	PLNMYD3QQ624	4.2	Standard	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires



NOTES:

¹ Quick ship: 5000K. Other CCTs may require a lead time or be special order

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