Alphalite Inc.

LED FULL CUTOFF WALL PACK

WPA Series
Wall Luminaires

DESCRIPTION

The Alpha Series LED wall pack is a modern and versatile, integrated LED solution that delivers long life and energy savings within a slim, low profile design. The rugged housing offers advanced thermal management and protection against outdoor environments without compromising aesthetics.

APPLICATION

Outdoor wall-mount applications. Building facade. Commercial, industrial, retail, hospitality buildings that demand long service life and low maintenance.

5 YEAR WARRANTY · c(UL)us LISTED · DLC LISTED · Wet Location

SPECIFICATION FEATURES

Construction
Rugged die-cast aluminum housing withstands outdoor environments. Outer surface treated with durable powder coating to provide resistance to corrosion, rust, weathering, and UV degradation. Available in various color finishes. Performance-engineered, integral heat dissipation fins provides superior thermal management for long life and reliability. Housing and optics maintain IP65 and impact resistance rating.

Electrical
Luminaire utilizes long life, high efficacy LEDs and a highly efficient, reliable LED driver. 120V-277V input voltage for increased versatility. Photosensor option available. For higher lumen, high mounting height models, dimming option available. Comes equipped with quick disconnect for compliance with US code.

For 15W to 42W fixtures: Line to Line 2KV.
For 60W to 80W fixtures: Line to Line 3KV; Line to Ground 4KV.

Optics
Precision-moulded lenses provide various photometric distributions depending on application. LED lenses optimize performance and increase delivered light to desired areas.

Finish
Outer surface treated with durable powder coating to provide resistance to corrosion, rust, weathering, and UV degradation. Available in various color finishes.

Mounting
Luminaire mounting designed for standard J-Box. Can be mounted directly to surface. Features multiple conduit entries.

Certifications / Regulatory
UL listed. DLC QPL listed. All components have safety approvals.

Warranty
5-year limited warranty. See complete warranty terms for details.

Quick Ship Product

WPA-13/50K-PS
WPA-15B/50K
WPA-22B/50K
WPA-24B/50K
WPA-42B/50K

ORDERING INFORMATION

Sample Number: WPA-24B/50K

WPA	24B	50K	(Blank)	(Blank)	(Blank)
Series	**Lumen Package**	**CCT**	**Input Voltage**	**Distribution**	**Finish Color**
WPA -LED Full Cutoff Wall Pack	**13B** - 13W	**30K** - 3000K	**(Blank)** - 120V-277V	**(Blank)** - Type lll	**(Blank)** - Dark Bronze
	15B - 15W	**35K** - 3500K			**BLK** - Black
	22B - 22W	**40K** - 4000K			**WH** - White
	24B - 24W	**45K** - 4500K			**SLV** - Silver
	32B - 24W	**50K** - 5000K			
	42B - 42W	**57K** - 5700K			
	*see energy data for details				

Options

Notes
Finish color: custom finish color available. Contact your Alphalite representative for added cost, quantities and lead times.

Accessories
WPA.JB –Junction Box
WPA-SBP –Back Panel(15-24w)
WPA-MBP –Back Panel(30-42w)

Controls
PS – Photoelectric switch
OS – Step dimming PIR motion and daylight sensor. (Requires OS-618-RC101 Sensor Configuration Tool. Not included.) *Dimming function required to add 10V dimming driver*
10v – 0-10v dimming driver

Emergency Backup
(Lumen will maintain over the 90-minute duration)
EM700 – 700lm *
EM1400 – 1400lm *
EM2000 – 2000lm *
*Testing button placed inside of fixture
*EM can only be used in 42 watts and above

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SUMMARY

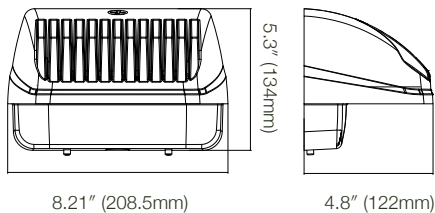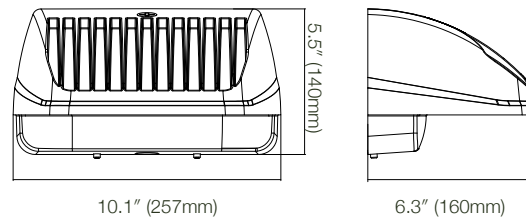|	
Input Voltage	100V-277V
Input Power	See energy data for details
Power Factor	> 0.90
THD (Max.)	<20%
Efficacy	95~115 LPW
Delivered Lumens	See energy data for details
Controls/ Dimming	0-10V dimming option available.
CRI	> 70
CCT	3000K, 3500K, 4000K, 4500K, 5000K, 5700K
Operating Temp.	-13°F~+113°F (-25°C ~ +45°C)
Rated Life	50,000 hours
IP Grade	IP65
BUG Rating	B0-U1-G0 for 13, 18, & 22W, B0-U1-G1 for 24, 30, & 42W, and B1-U2-G2 for 60W

ENERGY PERFORMANCE DATA

Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
WPA-13B/50K	13	1235	95
WPA-15B/50K	15	1440	96
WPA-22B/50K	22	2530	115
WPA-24B/40K	24	2760	115
WPA-24B/50K	24	2760	115
WPA-32B/50K	32	3616	113
WPA-42B/50K	42	3990	95

*The delivered lumens above are based on highest wattage and 4000K.
**Default setting at time of shipping are highest wattage and highest CCT.

-OS (PIR OCCUPANCY SENSOR)

PHYSICAL PARAMETERS

DIMENSION

WPA-15B, and 24B

5.3″ (134mm)

8.21″ (208.5mm)   4.8″ (122mm)

WPA-42B

5.5″ (140mm)

10.1″ (257mm)   6.3″ (160mm)

WPA-60B, and 80B

7.5″ (190mm)

12.6″ (320mm)   10″ (254mm)

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