



PROJECT NAME

CATALOG NO.

TYPE

DATE

NOTE

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.

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 15B - 15W 24B - 24W 42B - 42W 60B - 60W 80B - 80W	30K - 3000K 35K - 3500K 40K - 4000K 45K - 4500K 50K - 5000K 57K - 5700K	(Blank) - 120V-277V	(Blank) - Type III	(Blank) - Dark Bronze BLK - Black WH - White SLV - Silver
	*see energy data for details				

Options

Notes	Accessories	Controls	Emergency Backup
Finish color: custom finish color available. Contact your Alphalite representative for added cost, quantities and lead times.	WPA-JB –Junction Box WPA-SBP –Back Panel(15-24w) WPA-MBP –Back Panel(30-42w)	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	(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



11920 Altamar Pl., Santa Fe Springs, CA 90670
Tel: 888.287.9228 | Fax: 888.258.9183 | support@alphalite.com | alphalite.com

SUMMARY

Input Voltage	100V-277V
Input Power	See energy data for details
Power Factor	> 0.90
THD (Max.)	<20%
Efficacy	95~137 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~+113°F (-25 ~ +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)	* DLC Listed
			Efficacy (lm/W)
WPA-13B/40K	13	1235	95
WPA-15B/40K	15	1440	96
WPA-15B/50K			
WPA-22B/30K*	22	2530	115
WPA-22B/35K*			
WPA-22B/40K*			
WPA-22B/50K*			
WPA-32B/30K*	32	3616	113
WPA-32B/35K*			
WPA-32B/40K*			
WPA-32B/50K*			
WPA-42B/30K*	42	3990	95
WPA-42B/35K*			
WPA-42B/40K*			
WPA-42B/50K*			
WPA-60B/30K	60	6322	109
WPA-60B/35K		6380	110
WPA-60B/40K		7482	129
WPA-60B/50K		7946	137
WPA-80B/30K	80	8640	108
WPA-80B/35K		8720	109
WPA-80B/40K		8800	110
WPA-80B/50K		10960	137

Additional CCT 4500K, 5700K option. Wattage 20W, 24W, 30W option

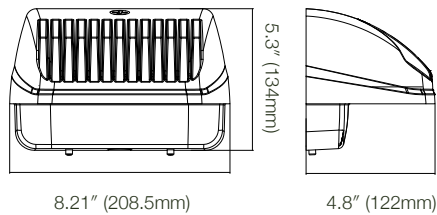
-OS (PIR OCCUPANCY SENSOR)



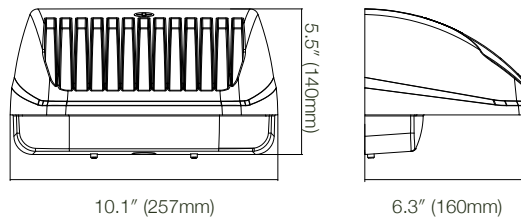
PHYSICAL PARAMETERS

DIMENSION

WPA-15B, and 24B



WPA-42B



WPA-60B, and 80B

