

WPB Series

Architectural Wall Pack

Highlights

- Full cutoff architectural design for focused light distribution
- Die-cast aluminum alloy with a dark bronze finish
- Ideal lighting for security, perimeter, building entry, and walkway applications
- Optional photocell, wireless motion sensor and EM integration available
- UL Wet Rated, DLC Premium (Pending)



Ordering Guide

Example: VA-WPB-42-30

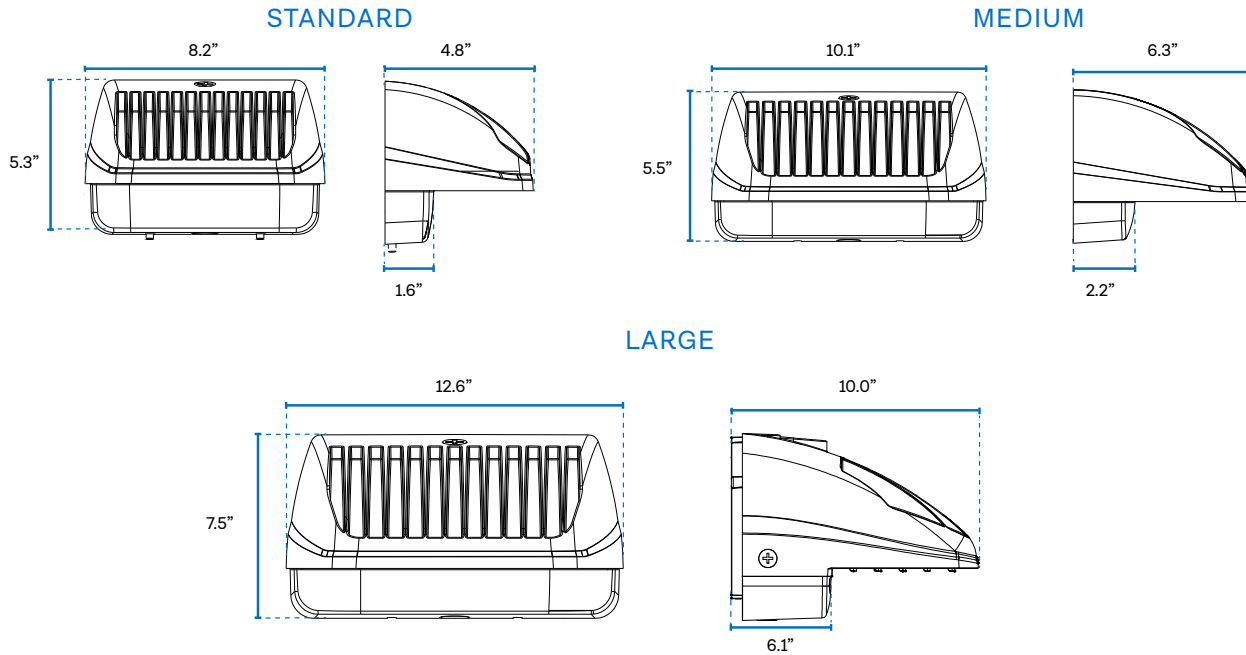
VA-WPB-XX-XX

VA	-	WPB	-	-
VALRIYA		FAMILY		POWER
VA		WPB Architectural Wall Pack		XX 15 = 15W 24 = 24W 30 = 30W 42 = 42W 60 = 60W 80 = 80W
				CCT
				XX 30 = 3000K 40 = 4000K 50 = 5000K

WPB Series

Architectural Wall Pack

0.1 Dimensions



0.2 Technical Overview

CATEGORY	SPECIFICATION	DETAILS					
General Performance	Size	Small		Medium		Large	
	Nominal Power	15W	24W	30W	42W	60W	80W
	Nominal Lumens Delivered*	1350lm	2640lm	3400lm	4800lm	6900m	9600lm
	Efficiency (lm/w)	90-120+ lm/w					
	Color Temperature (CCT)	3000K, 4000K, 5000K					
	Dimming	Standard 1-10V Dimming					
	Input Voltage	120-277V 50/60Hz					
	CRI	70+					
	Lumen Maintenance (L70)	50,000 Hours+					
Physical	Dimensions	See Above					
	Weight	3.6lbs		5.4lbs		11.7lbs	
	Housing	Die-Cast Aluminum, Dark Bronze Finish					
	Diffuser / Lens	PC					
	Mounting	Surface Mount					
	Operating Temperature	-13°F to 113°F					
Certifications	Safety Certification	UL (Wet Rated)					
	DLC Listed*1	V4.4 Premium					
	Warranty	5 Year					

* Based on 5000K. DLC listing is pending

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0.3 SKU List

SKU	DESCRIPTION	WATTAGE	CCT	LUMENS	CRI	DIMMING	INPUT VOLTAGE	CERTIFICATIONS	DLC*	QUICK SHIP
VA-WPB-15-30	15W Wall pack	15W	3000K	1150	70+	1-10V	120-277VAC	UL, Wet Rated	No	No
VA-WPB-15-40	15W Wall pack	15W	4000K	1280	70+	1-10V	120-277VAC	UL, Wet Rated	No	No
VA-WPB-15-50	15W Wall pack	15W	5000K	1350	70+	1-10V	120-277VAC	UL, Wet Rated	No	No
VA-WPB-24-30	24W Wall pack	24W	3000K	2240	70+	1-10V	120-277VAC	UL, Wet Rated	No	No
VA-WPB-24-40	24W Wall pack	24W	4000K	2510	70+	1-10V	120-277VAC	UL, Wet Rated	No	Nov'20
VA-WPB-24-50	24W Wall pack	24W	5000K	2640	70+	1-10V	120-277VAC	UL, Wet Rated	Yes	Nov'20
VA-WPB-30-30	30W Wall pack	30W	3000K	2890	70+	1-10V	120-277VAC	UL, Wet Rated	Yes	No
VA-WPB-30-40	30W Wall pack	30W	4000K	3230	70+	1-10V	120-277VAC	UL, Wet Rated	No	No
VA-WPB-30-50	30W Wall pack	30W	5000K	3400	70+	1-10V	120-277VAC	UL, Wet Rated	No	No
VA-WPB-42-30	42W Wall pack	42W	3000K	4080	70+	1-10V	120-277VAC	UL, Wet Rated	No	Nov'20
VA-WPB-42-40	42W Wall pack	42W	4000K	4560	70+	1-10V	120-277VAC	UL, Wet Rated	Yes	Nov'20
VA-WPB-42-50	42W Wall pack	42W	5000K	4800	70+	1-10V	120-277VAC	UL, Wet Rated	Yes	No
VA-WPB-60-30	60W Wall pack	60W	3000K	5870	70+	1-10V	120-277VAC	UL, Wet Rated	No	No
VA-WPB-60-40	60W Wall pack	60W	4000K	6560	70+	1-10V	120-277VAC	UL, Wet Rated	No	No
VA-WPB-60-50	60W Wall pack	60W	5000K	6900	70+	1-10V	120-277VAC	UL, Wet Rated	No	No
VA-WPB-80-30	80W Wall pack	80W	3000K	8160	70+	1-10V	120-277VAC	UL, Wet Rated	No	No
VA-WPB-80-40	80W Wall pack	80W	4000K	9120	70+	1-10V	120-277VAC	UL, Wet Rated	No	No
VA-WPB-80-50	80W Wall pack	80W	5000K	9600	70+	1-10V	120-277VAC	UL, Wet Rated	No	No

*DLC listing is pending

0.4 Accessories*

	SKU	DESCRIPTION
Box	VA-WPB-JB	External Mounting Junction box
Sensor	PC-JL-120-277V	Photocell (120-277VAC)
	BRI823	Wireless Motion + Photocell
	RC100	Wireless Programmable Remote (BRI823)
EM	YH12-W890	8W Split EM Driver, CEC Listed

*Items must be ordered separately

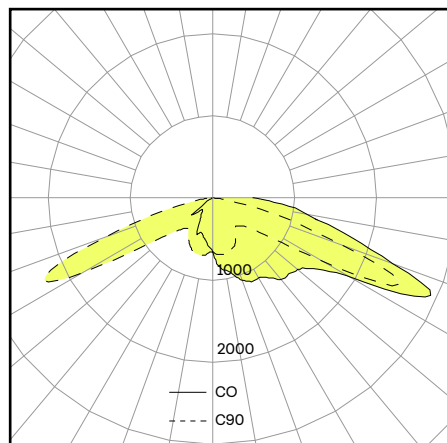


0.5 Photometric Data (42W, 5000K)*

CANDLE POWER

ANGLE	C0	C40	C90
10	955	907	713
20	1,174	1,121	689
30	1,198	1,141	597
40	1,267	942	482
50	1,308	918	559
60	1,679	1,065	1,354
70	2,413	2,592	1,254
80	1,259	764	211
90	513	166	2

CANDELA PLOT



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE	LAMP
0-30	636	13.6	13.6
0-40	1,058	22.6	22.6
0-60	2,183	46.6	46.6
0-90	4,686	100.0	100.0
0-180	4,686	100.0	100.0

COEFFICIENT OF UTILIZATION (PFC - 20%)

RCR	RC	80%			70%			50%			30%			10%			0%
		50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	111	111	111	106	106	106	50	30	10	100
1	96	89	83	83	93	87	82	89	84	79	85	81	77	81	78	74	72
2	78	69	61	61	76	67	60	72	65	58	69	62	57	65	60	55	53
3	66	55	46	46	64	54	45	60	52	44	57	50	43	55	48	43	40
4	56	45	36	36	55	44	36	52	43	35	49	41	35	47	40	34	31
5	49	38	30	30	48	37	29	45	36	29	43	35	29	41	34	28	26
6	43	33	25	25	42	32	25	40	31	24	38	30	24	37	29	24	21
7	39	29	21	21	38	28	21	36	27	21	35	27	21	33	26	21	18
8	35	25	19	19	34	25	19	33	24	18	32	24	18	30	23	18	16
9	32	23	17	17	32	23	16	30	22	16	29	22	16	28	21	16	14
10	30	21	15	15	29	20	15	28	20	15	27	20	15	26	19	14	12

*Effective floor cavity reflectance 20%

*Additional IES data can be downloaded [here](#)