

Project		Catalog #		Type	
Prepared by		Notes		Date	



# Lumark AP

## WPM Wall Pack B-Series

Wall Mount Luminaire

### Product Features



### Product Certifications



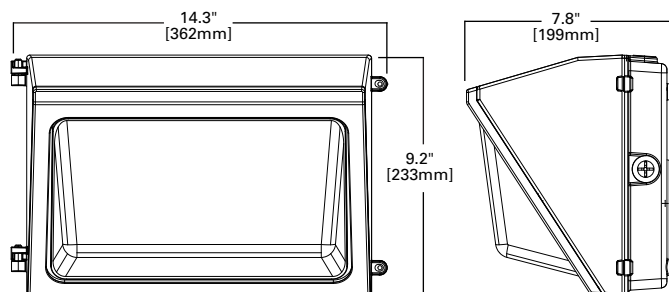
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### Quick Facts

- Fixed output and selectable configurations available
- Lumen packages range from 3,500 - 13,400 lumens
- Replaces 70W up to 250W HID equivalent
- Efficacies up to 149 lumens per watt
- Energy and maintenance savings up to 89%
- Heat and impact resistant borosilicate glass lens

### Dimensional Details



## Ordering Information

Model Number <sup>1</sup>	Lumens / Wattage	Color Temperature	Voltage	Controls
WPMLED07B=Medium LED Wall Pack	3,500 / 30W	4000K / 80CRI	120-277V, 50/60Hz	--
WPMLED10B=Medium LED Wall Pack	4,800 / 40W	4000K / 80CRI	120-277V, 50/60Hz	--
WPMLED15B=Medium LED Wall Pack	7,100 / 60W	4000K / 80CRI	120-277V, 50/60Hz	--
WPMLED20B=Medium LED Wall Pack	9,800 / 80W	4000K / 80CRI	120-277V, 50/60Hz	--
WPMLED25B=Medium LED Wall Pack	12,000 / 100W	4000K / 80CRI	120-277V, 50/60Hz	--
WPMLED15S=Medium LED Wall Pack	Selectable Lumens: 4,000-7,800 / 30-60W	Selectable CCT: 3000,4000,5000K / 80CRI	120-347V, 50/60Hz	Selectable Dusk-to-Dawn via Button-type photocontrol
WPMLED25S=Medium LED Wall Pack	Selectable Lumens: 9,800-13,400 / 70-100W	Selectable CCT: 3000,4000,5000K / 80CRI	120-347V, 50/60Hz	Selectable Dusk-to-Dawn via Button-type photocontrol

**NOTES:**  
<sup>1</sup> DesignLights Consortium® Qualified. Refer to [www.designlights.org](http://www.designlights.org) Qualified Products List under Family Models for details.

## Product Specifications

### Construction

- Die-cast aluminum housing with hinged, removable die-cast aluminum door
- Three 1/2" threaded conduit entry points

### Optics

- Impact and heat resistant borosilicate refractive glass lens to withstand IK07

### Electrical

- 40°C minimum operating temperature
- 40°C maximum operating temperature
- >.9 power factor
- <20% total harmonic distortion

- Class 2 driver incorporates internal fusing designed to withstand 2kV surge
- 0-10V dimming driver standard

### Controls

- Selectable configurations supply internal toggle switches to adjust luminaire CCT and lumens. Selectable luminaires will ship default at 4000K CCT and maximum lumen output. Selectable configurations also provide an integrated button-type photocontrol for dusk-to-dawn operation. The photocontrol is also field-adjustable via toggle switches to either enable, disable, or modify the settings. The photocontrol ships default enabled.

### Typical Applications

- Outdoor
- Parking Lots
- Walkways
- Building Areas

### Finish

- Bronze

### Shipping Data

- 13.1 lbs. (5.9 kgs.)

## Energy and Performance Data

### Power and Lumens (Fixed SKUs)

[View WP IES files](#)

Model Number	WPMLED07B	WPMLED10B	WPMLED15B	WPMLED20B	WPMLED25B
Power (Watts)	27.9	37.7	57.4	81.0	102.2
Input Current @ 120V (A)	0.24	0.35	0.52	0.68	0.86
Input Current @ 277V (A)	0.11	0.16	0.24	0.31	0.38
<b>Performance</b>					
Lumens	3,518	4,869	7,456	10,399	12,873
Lumens Per Watt	126	129	130	128	126

### Power and Lumens (WPMLED15S Selectable)

Light Engine	Set to 30W	Set to 40W	Set to 60W	
Switch setting	2-ON	1-ON	1,2,3-OFF	
Power (Watts)	29.2	40.9	59.2	
Input Current @ 120V (A)	0.24	0.34	0.50	
Input Current @ 277V (A)	0.11	0.16	0.23	
Input Current @ 347V (A)	0.09	0.13	0.19	
<b>Performance</b>				
3000K	Lumens	3,977	5,409	7,360
	Lumens per Watt	139	135	128
4000K	Lumens	4,122	5,659	7,806
	Lumens per Watt	146	144	138
5000K	Lumens	4,175	5,616	7,535
	Lumens per Watt	143	137	127

### Power and Lumens (WPMLED25S Selectable)

Light Engine	Set to 70W	Set to 80W	Set to 90W	Set to 100W	
Switch setting	3-ON	2-ON	1-ON	1,2,3-OFF	
Power (Watts)	71.6	81.6	91.9	100.8	
Input Current @ 120V (A)	0.60	0.68	0.77	0.84	
Input Current @ 277V (A)	0.28	0.31	0.34	0.37	
Input Current @ 347V (A)	0.23	0.26	0.28	0.31	
<b>Performance</b>					
3000K	Lumens	9,779	10,887	11,968	12,597
	Lumens per Watt	137	134	131	125
4000K	Lumens	10,360	11,469	12,651	13,376
	Lumens per Watt	149	146	143	139
5000K	Lumens	10,083	11,193	12,258	12,829
	Lumens per Watt	141	137	133	128

### Lumen Maintenance

Configuration	Ambient Temperature	TM-21 Lumen Maintenance (54,000 Hours)	Theoretical L70 (Hours)
Up to 60W	Up to 40°C	88.7%	>156,000
Up to 100W	Up to 40°C	87.22%	>143,000