

Project		Catalog #		Type	
Prepared by		Notes		Date	



# Lumark AP

## Wall Pack WPS, WPM, WPL Series

Wall Mount Luminaire

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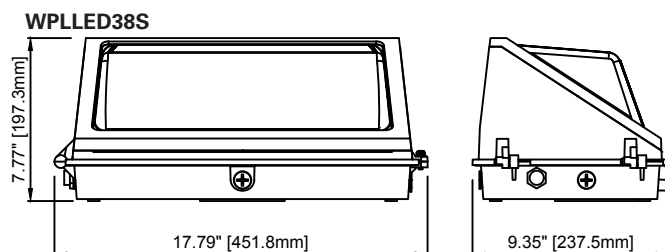
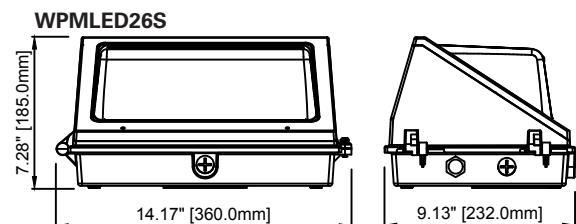
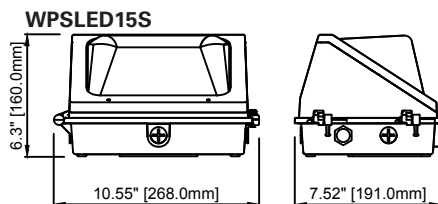
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### Quick Facts

- Selectable configurations available across 3 housing sizes
- Lumen packages range from 4,300 - 21,000 lumens
- Dusk to dawn capability with ON/OFF photocontrol
- Replaces 75W up to 375W HID equivalent
- Efficacies up to 153 lumens per watt for max. output
- Energy and Maintenance savings up to 89% versus HID solutions
- Heat and impact resistant borosilicate glass lens

### Dimensional Details



## Stock Ordering Information

Model Number <sup>1</sup>	Lumens/Wattage	CCT Selectable	Voltage	Controls
WPSLED15S=Small LED Wall Pack	Selectable Lumens: 4,300-8,100 / 30-60W	Selectable CCT: 3000, 3500, 4000, 5000, 6500K / 80CRI	120-347V, 50/60Hz	Selectable Dusk-to-Dawn via Button-type photocontrol
WPMLED26S=Medium LED Wall Pack	Selectable Lumens: 10,000-14,900 / 70-100W			
WPLLED38S=Large LED Wall Pack	Selectable Lumens: 17,300-21,000 / 120-150W			

NOTES:

1. Designlights Consortium® Qualified. Refer to [designlights.org](https://designlights.org) Qualified Products List under Family Models for details.

## Product Specifications

### Construction

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

### Optics

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

### Electrical

- Selectable SKUs offer 4 wattages selections and 5 CCTs (3000, 3500, 4000, 5000 & 6500K). Default settings are highest wattage and 4000K CCT.
- Operating temperature range: -40°C to +40°C
- Power factor >0.9
- <20% THD (Total Harmonic Distortion)
- Class 2 driver incorporates internal fusing designed to withstand ±6kV 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 toggles switches to either enable, disable, or modify the settings. The photocontrol ships enabled.

### Typical Applications

- Outdoor
- Parking lots
- Walkways
- Building Areas

### Finish

- Bronze standard

### Shipping Data

- WPSLED15S : 2.60kg
- WPMLED26S : 3.30kg
- WPLLED38S : 6.10kg

### Warranty

- Five-year limited warranty. Consult website for details. [www.cooperlighting.com/legal](https://www.cooperlighting.com/legal)

## Energy and Performance Data

### Power and Lumens (WPSLED15S Selectable)

Light Engine	Set to 30W	Set to 40W	Set to 50W	Set to 60W	
<b>FAO Switch setting</b>	I	II	III	IV	
<b>Power (Watts)</b>	29.3	39.3	48.8	57.2	
<b>Input Current @ 120V (A)</b>	0.25	0.33	0.4	0.48	
<b>Input Current @ 277V (A)</b>	0.13	0.16	0.20	0.22	
<b>Input Current @ 347V (A)</b>	0.12	0.14	0.17	0.19	
<b>Performance</b>					
<b>3000K</b>	Lumens	4,292	5,771	6,979	7,974
	Lumens per Watt	148	146	142	139
<b>3500K</b>	Lumens	4,444	5,862	7,115	8,153
	Lumens per Watt	152	150	146	143
<b>4000K</b>	Lumens	4,520	5,956	7,248	8,328
	Lumens per Watt	156	153	151	148
<b>5000K</b>	Lumens	4,610	6,075	7,392	8,486
	Lumens per Watt	159	156	153	150
<b>6500K</b>	Lumens	4,682	6,149	7,455	8,518
	Lumens per Watt	159	156	152	148

## Power and Lumens (WPMLED26S Selectable)

Light Engine		Set to 70W	Set to 80W	Set to 90W	Set to 100W
<b>FAO Switch setting</b>		I	II	III	IV
<b>Power (Watts)</b>		73.7	82.7	91.9	100.1
<b>Input Current @ 120V (A)</b>		0.62	0.70	0.77	0.84
<b>Input Current @ 277V (A)</b>		0.29	0.32	0.35	0.37
<b>Input Current @ 347V (A)</b>		0.24	0.27	0.29	0.31
<b>Performance</b>					
<b>3000K</b>	Lumens	11,079	12,455	13,128	14,165
	Lumens per Watt	150	146	143	141
<b>3500K</b>	Lumens	11,672	12,663	13,517	14,532
	Lumens per Watt	155	151	149	147
<b>4000K</b>	Lumens	11,538	12,792	13,998	14,911
	Lumens per Watt	160	157	156	153
<b>5000K</b>	Lumens	11,664	12,931	14,205	15,063
	Lumens per Watt	161	156	155	151
<b>6500K</b>	Lumens	11,767	12,961	14,131	15,078
	Lumens per Watt	159	156	153	150

## Power and Lumens (WPLLED38S Selectable)

Light Engine		Set to 120W	Set to 130W	Set to 140W	Set to 150W
<b>FAO Switch setting</b>		I	II	III	IV
<b>Power (Watts)</b>		119.9	130.3	138.2	150
<b>Input Current @ 120V (A)</b>		1.00	1.09	1.16	1.26
<b>Input Current @ 277V (A)</b>		0.46	0.50	0.53	0.58
<b>Input Current @ 347V (A)</b>		0.37	0.4	0.42	0.45
<b>Performance</b>					
<b>3000K</b>	Lumens	16,559	17,973	18,817	19,970
	Lumens per Watt	139	138	137	132
<b>3500K</b>	Lumens	17,151	18,542	19,476	20,676
	Lumens per Watt	147	145	144	140
<b>4000K</b>	Lumens	17,646	18,973	19,986	21,308
	Lumens per Watt	152	151	150	147
<b>5000K</b>	Lumens	17,539	18,836	19,748	21,000
	Lumens per Watt	148	147	145	141
<b>6500K</b>	Lumens	17,539	18,596	19,455	20,618
	Lumens per Watt	144	142	138	136

## Lumen Maintenance

Configuration	Ambient Temperature	TM-21 Lumen Maintenance (54,000 Hours)
Up to 60W	Up to 40°C	86.68%
Up to 100W	Up to 40°C	86.88%
Up to 150W	Up to 40°C	86.09%