



Project	
Notes	
Type	Date
Cat. No.	

**ACLW2™ Series** Slim LED Architectural Wall Pack

**DESCRIPTION**

The ACLW2 family of LED wall packs combine high-performance LEDs, highly-engineered optics to traditional designs to bring you the most advanced line of wall packs on the market. Multiple lumen packages mean there is an ACLW2 that is just right for your lighting needs. The ACLW2 wall packs were designed and engineered as maintenance free, energy-efficient alternatives to traditional fluorescent, high pressure sodium and H.I.D. light sources.



**ACLW2 Series**  
 30W(2827 Lumens)  
 60W(6562 Lumens)  
 80W(8887 Lumens)

**Specification Features**



**Rated Life** 60,000 hours  
**Limited Warranty** 5-years  
**Efficacy** Up to 109 LPW

**Construction**

Rugged die cast aluminum housing withstands outdoor environments. Outer surface treated with durable bronze powder coating to provide resistance to corrosion, rust, weathering or degradation. Performance engineered internal heat dissipation fins provide superior thermal management for LED life and reliability.

**Electrical**

Equipped standard with fixed output driver. Long-Life LED's 60,000 hours at L80 with projected life over 100,000 hours for reduced life cycle maintenance costs.

**Qualifications**

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Wet location labeling is standard. Adheres to LM70, LM80, and TM21 industry standards. DesignLights Consortium® (DLC) DLC qualified product. Not all product variations listed are DLC qualified. Please visit the DLC Qualified Products list at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which models are qualified.

**Installation**

Luminaire mounting designed for standard 4" J-Box.

**Warranty**

5-year Limited Warranty. See warranty documentation for more information.

**Quick Ship**  
 ACLW2-30-MV-850  
 ACLW2-60-MV-850  
 ACLW2-80-MV-850

**Ordering Information**

Example: ACLW2-30-MV-850

ACLW2	30	MV	8	50		
<b>Series</b> ACLW2 Slim LED Wall Pack	<b>Rated Wattage</b> 30-30W(2827 Lumens) <sup>2</sup> 60-60W(6562 Lumens) <sup>2</sup> 80-80W(8887 Lumens) <sup>2</sup>	<b>Driver Type</b> MV- 120-277V <sup>2</sup>	<b>CRI</b> 8 80+ CRI <sup>2</sup>	<b>Color Temp</b> 40 4000K <sup>1</sup> 50 5000K <sup>2</sup>		
<b>Options</b>						
<b>Controls</b> OSBL-WP- Fixture Mounted Bi-Level Occupancy Sensor P- Photocell						

Specifications and Dimensions subject to change without notice.

**Performance Summary**

Input Voltage	120V-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	>109 LPW (typ.)
CRI	83+, R9 > 0
Available CCT <sup>1</sup>	5000K
Color Consistency <sup>2</sup>	5-step MacAdam Ellipse
Rated Life	60,000 hours
L70 <sup>3</sup>	> 72,000 hours or > 45,000
Power Factor	> 0.92
THD	< 18.1%
Dimming	N/A
Operating Temp.	-18°C to 40°C

**Performance Data**

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Clear	7.87"	ACLW2-30-MV-850	30.62	2827.27	92.33
	11.33"	ACLW2-60-MV-850	61.7	6562.19	106.36
		ACLW2-80-MV-850	81.6	8887.02	108.91

NOTES:

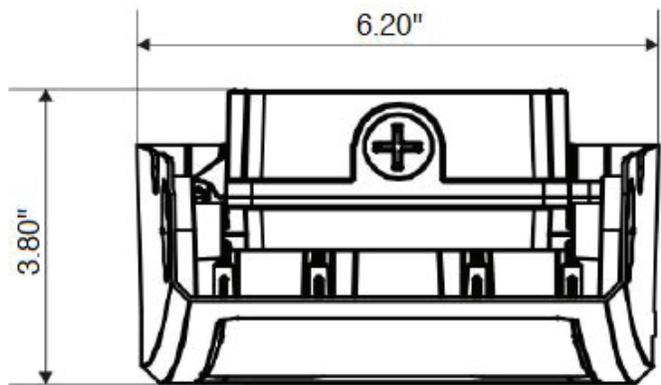
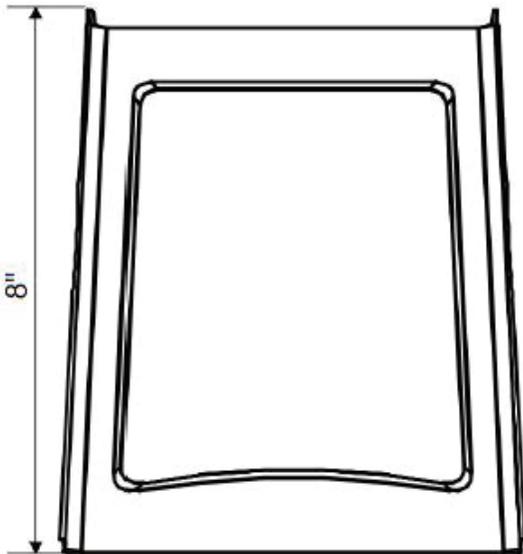
- <sup>1</sup> Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- <sup>2</sup> DLC Listed
- <sup>3</sup> DLC Premium Listed
- <sup>4</sup> Quick ship: 5000K. Other CCTs may require a lead time or be special order
- <sup>5</sup> Typical color consistency may vary or may changed.
- <sup>6</sup> L70 hours calculated based on LED package manufacturer LM80 report and ISTMT report of LED in luminaire. Stated values are for select catalog numbers. Contact manufacturer for detailed information
- <sup>7</sup> Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C



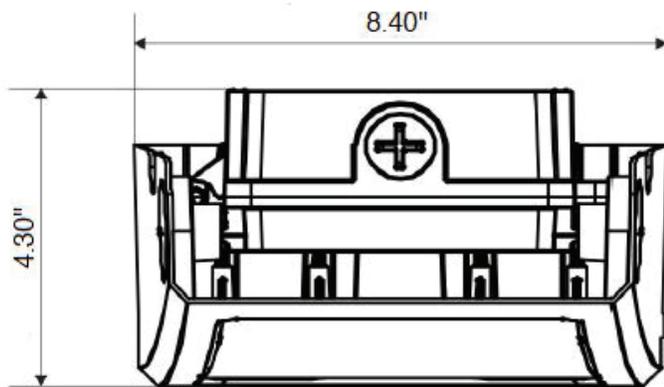
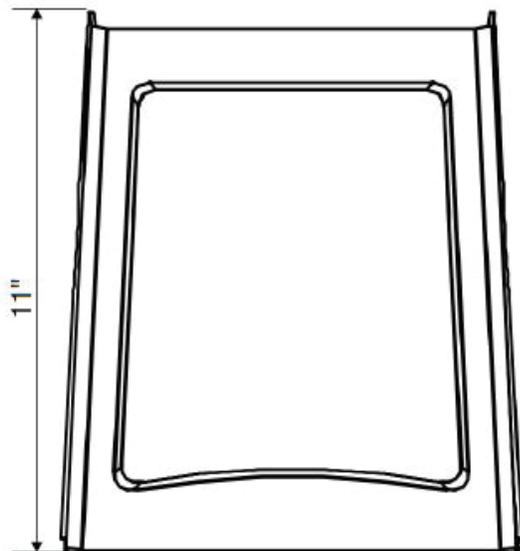
Specifications and Dimensions subject to change without notice.

Product Dimensions

ACLW2-30W

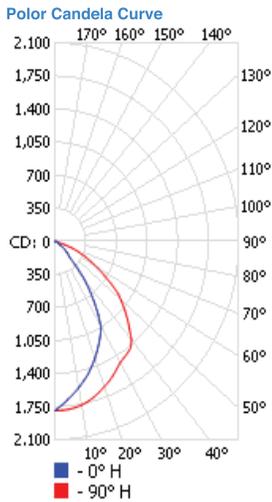


ACLW2-60/80W



Photometric Data

ACLW2-30-MV-850 Tested in accordance to IESNA LM-79



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	1,377.70	32.60%	32.80%
0-40	2,216.30	52.50%	52.80%
0-60	3,671.40	87%	87.50%
60-90	526.7	12.50%	12.50%
0-90	4,198.10	99.50%	100%

Coefficients of Utilization					Effective Floor Cavity Reflectance: 20%					
RCC %:	80				70				50	
RW %:	70	50	30	0	70	50	30	0	50	30
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1	1.11	1.11
1	1.1	1.06	1.02	0.99	1.07	1.04	1	0.88	1	0.97
2	1.01	0.94	0.88	0.83	0.99	0.92	0.87	0.76	0.89	0.84
3	0.93	0.83	0.76	0.7	0.91	0.82	0.75	0.66	0.79	0.73
4	0.85	0.75	0.66	0.6	0.83	0.73	0.66	0.57	0.71	0.64
5	0.79	0.67	0.59	0.53	0.77	0.66	0.58	0.5	0.64	0.57
6	0.73	0.61	0.52	0.46	0.71	0.6	0.52	0.45	0.58	0.51
7	0.68	0.55	0.47	0.41	0.66	0.54	0.47	0.4	0.53	0.46
8	0.63	0.5	0.42	0.37	0.62	0.5	0.42	0.36	0.49	0.42
9	0.59	0.46	0.39	0.33	0.58	0.46	0.38	0.33	0.45	0.38
10	0.56	0.43	0.35	0.3	0.54	0.42	0.35	0.3	0.41	0.35

ACLW2-60-MV-850 Tested in accordance to IESNA LM-79



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	1,123.2	15.2%	18.4%
0-40	1,856.1	25.1%	30.5%
0-60	3,533.2	47.7%	58%
60-90	2,555.2	34.5%	42%
0-90	6,088.5	82.2%	100%

Coefficients of Utilization					Effective Floor Cavity Reflectance: 20%						
RCC %:	80				70				50		
RW %:	70	50	30	0	70	50	30	0	50	30	20
RCR: 0	.98	.98	.98	.98	.96	.96	.96	.82	.91	.91	.91
1	.85	.79	.73	.69	.82	.77	.72	.60	.73	.69	.65
2	.75	.66	.59	.52	.73	.65	.58	.47	.61	.55	.50
3	.68	.57	.48	.42	.65	.55	.48	.39	.53	.46	.41
4	.62	.50	.41	.34	.59	.48	.40	.32	.46	.39	.34
5	.56	.44	.35	.29	.54	.43	.35	.28	.41	.34	.28
6	.52	.39	.31	.25	.50	.39	.31	.24	.37	.30	.25
7	.48	.36	.27	.22	.46	.35	.27	.21	.33	.27	.22
8	.45	.32	.25	.19	.43	.32	.24	.19	.31	.24	.19
9	.42	.30	.22	.17	.40	.29	.22	.17	.28	.22	.17
10	.39	.27	.20	.16	.38	.27	.20	.15	.26	.20	.15

