



Project	
Notes	
Type	Date
Cat. No.	

**LCWP™ Series** CCT Adjustable LED Cutoff Wall Pack

**DESCRIPTION**

The LCWP 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 LCWP that is just right for your lighting needs. The LCWP wall packs were designed and engineered as maintenance free, energy-efficient alternatives to traditional fluorescent, high pressure sodium and H.I.D. light sources.



- LCWP Series**
- 40W (5,000 Lumens)
  - 60W (7,500 Lumens)
  - 80W (10,000 Lumens)



**Specification Features**

**Construction**

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

**Qualifications**

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate UL labels. Wet location labeling is standard. Emergency equipped fixtures labeled UL924. 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.

**Electrical**

Equipped standard with a photocell and fixed output driver. Optional 0-10V continuous dimming driver that works with any standard 0-10V control/dimmer. Long-Life LED's 60,000 hours at L80 with projected life over 100,000 hours for reduced life cycle maintenance costs. Adjustable CCT at 3000K, 4000K, 5000K.

**Installation**

Luminaire mounting designed for standard J-Box. Features multiple conduit entries.

**Warranty**

5-year limited warranty. See complete warranty for terms and exclusions. (Labor not included).

**Options**

Optional On/Off or Bi-level Motion sensor, high voltage transformers, emergency battery backups.

Rated Life 60,000 hours  
 Limited Warranty 5 Years  
 Efficacy ~ 140 lm/W

**Quick Ship**

LCWP-40-MVD-830/40/50-P  
 LCWP-60-MVD-830/40/50-P  
 LCWP-80-MVD-830/40/50-P

**Ordering Information**

Example: LCWP-40-MVD-830/40/50-P

LCWP	40	MVD	8	30/40/50	P
<b>Series</b> LCWP LED Cutoff Wall Pack	<b>Rated Wattage</b> 40- 40W (5000 Lumens) 60- 60W (7500 Lumens) <sup>2</sup> 80- 80W (10000 Lumens) <sup>2</sup>	<b>Driver Type</b> MV- 120-277V <sup>2</sup> MVD- 120-277V, 0-10V Dimming <sup>2</sup> HVD- 347-480V, 0-10V Dimming HV- 347-480V	<b>CRI</b> 8 80+ CRI	<b>Color Temp</b> 30/40/50- 3000/4000/5000K	<b>Accessories</b> P-Photocell
			<b>Emergency Backup</b> EML8 800lm EML16 1600lm	<b>Controls</b> OSBL-WP- Fixture Mounted Bi-Level Occupancy Sensor	

Specifications and Dimensions subject to change without notice.

**Performance Summary**

Input Voltage	120-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	> 125 lm/W
CRI	80+, R9 > 0
Available CCT	3000/4000/5000K CCT Selectable
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	>0.99
THD	< 2.3%
Dimming	0-10V Continuous (10-100%)
Operating Temp.	-18°C to 40°C

**Performance Data**

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Frosted Acrylic		LCWP-40-MV-850-P	40W	5,000	125
		LCWP-60-MV-850-P	60W	7,500	125
		LCWP-80-MV-850-P	80W	10,000	125

NOTES:

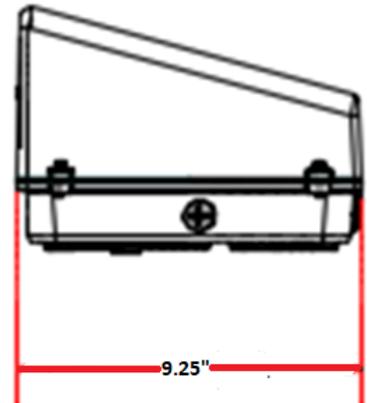
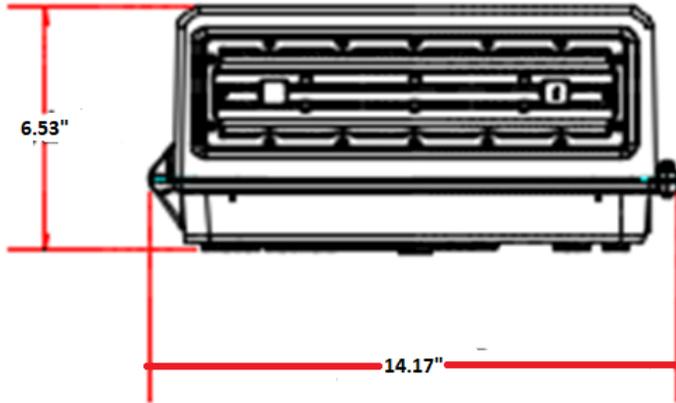
- <sup>1</sup> Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- <sup>2</sup> DLC Listed
- <sup>3</sup> DLC Premium Listed
- <sup>4</sup> Typical color consistency. May vary or be changed.
- <sup>5</sup> Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.



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Product Dimensions

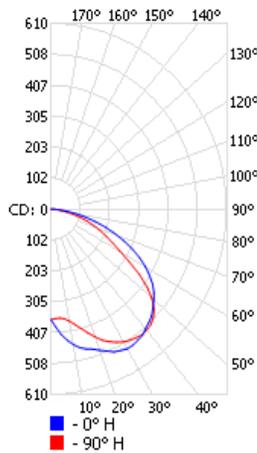
LCWP



Photometric Data

LCWP-40-MVD-830/40/50 Tested in accordance to IESNA LM-79

Polar Candela Curve



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	315.8	24%
0-40	547	41.60%
0-60	1,028.60	78.30%
60-90	284.8	21.70%
0-90	1,313.50	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	1.09	1.04	0.99	0.95	1.06	1.01	0.97	0.84	0.97	0.94		
2	0.98	0.9	0.83	0.77	0.96	0.88	0.82	0.7	0.84	0.79		
3	0.89	0.79	0.7	0.63	0.87	0.77	0.69	0.59	0.74	0.67		
4	0.82	0.69	0.6	0.53	0.79	0.68	0.59	0.5	0.65	0.58		
5	0.75	0.61	0.52	0.45	0.73	0.6	0.52	0.43	0.58	0.5		
6	0.69	0.55	0.46	0.39	0.67	0.54	0.45	0.38	0.52	0.44		
7	0.64	0.5	0.41	0.34	0.62	0.49	0.4	0.33	0.47	0.4		
8	0.59	0.45	0.36	0.3	0.57	0.44	0.36	0.3	0.43	0.35		
9	0.55	0.41	0.33	0.27	0.54	0.41	0.33	0.26	0.39	0.32		
10	0.51	0.38	0.3	0.24	0.5	0.37	0.3	0.24	0.36	0.29		



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