



Project	
Notes	
Type	Date
Cat. No.	

LPW™ Series

LED Premium Wrap



DESCRIPTION

The LPW Series of LED Wraparound are a cost effective, energy-saving replacement for less efficient fluorescent wrap-around fixtures. The LPW wrap fixture features a full length U-wrap Acrylic lens and a one-piece fabricated steel body. These LED wraparound fixtures are ideal for lighting in parking garages, stairwells, and/or to help you meet applicable building and safety codes in residential multi-family buildings, workshops, utility rooms, corridors, and other commercial applications.

LPW Series
 40W(4055 Lumens)
 52W(5200 Lumens)



Specification Features

Construction

Rugged construction, solid die formed, cold-rolled steel housing. All surfaces powder coated after fabrication. Frosted acrylic diffusers provides even consistent light while reducing glare.

Qualifications

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Damp location labeling is standard. Emergency equipped fixtures labeled UL924. Adheres to LM70, LM80, and TM21 industry standards. DesignLights Consortium® (DLC) qualified product. Not all models of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which models are qualified.

Electrical

Equipped standard 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.

Installation

Suitable for surface mounting, suspension, or stem mounting, individually or in continuous rows.

Warranty

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

Options

Optional On/Off or Bi-Level Motion Sensor, high voltage transformers, emergency battery backups, whips and cords.

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



Quick Ship/ DLC Listed
 LPW-9-40-MVD-840

Ordering Information

Example: LPW-9-40-MVD-840-MOS

LPW	9	40	MVD	8	40	
Series LPW LED Premium Wrap	Form Factor 9- 9" Width ²	Rated Wattage 40-40W(4055 Lumens) ² 52-52W(5200 Lumens)	Driver Type MVD- 120-277V; 0-10V Dimming ² HVD-347-480V,0-10V Dimming ¹	CRI 8 80+ CRI ²	Color Temp 40 4000K ² 50 5000K ¹	
Options						
		Emergency Backup EML8 800lm EML16 1600lm	Controls OS- Fixture Mounted Occupancy, On/Off MOS- Integral Microwave Sensor, On/Off MOSB-Integral Bi-Level Microwave Sensor MOSB-FM- Microwave Bi-Level Sensor Fixture mount	Accessories FW3- 6' 3 Wire Fixture whip FW4- 6' 4 Wire Fixture Whip		

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
Efficac	> 104 lm/W
CRI	80+, R9 > 0
Available CCT ¹	4000K
Color Consistency ²	5-step MacAdam Ellipse
Rated Life	60,000 hours
L70 ³	> 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	g'	LPW-9-40-MVD-840-MOS	38W	4,055	106
		LPW-9-52-MVD-840-MOS	50W	5,200	104

NOTES:

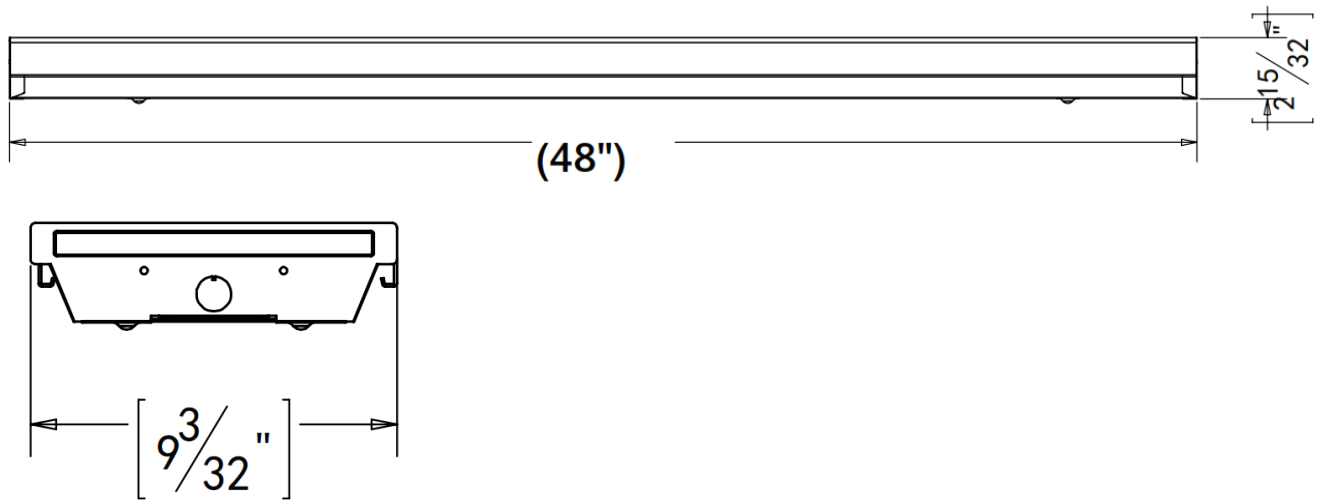
- ¹ Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- ² DLC Listed
- ³ DLC Premium Listed
- ⁴ Quick ship: 4000K. Other CCTs may require a lead time or be special order
- ⁵ Typical color consistency. May vary or be changed.
- ⁶ Actual performance may differ as a result of end-user 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

LPW-9

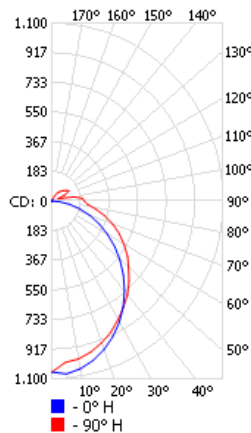


LPW™ Series

Photometric Data

LPW-9-52-MVD-840-MOS Tested in accordance to IESNA LM-79

Polar Candela Curve



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	830.1	20.90%	20.90%
0-40	1,364.70	34.30%	34.30%
0-60	2,474.30	62.20%	62.20%
60-90	1,037.10	26.10%	26.10%
0-90	3,511.30	88.30%	88.30%

Coefficients of Utilization

RCC %:	80				70				50	
	70	50	30	0	70	50	30	0	50	30
RCR: 0	1.16	1.16	1.16	1.16	1.12	1.12	1.12	0.88	1.05	1.05
1	1.04	0.98	0.93	0.89	1	0.95	0.9	0.7	0.88	0.85
2	0.94	0.85	0.77	0.71	0.9	0.82	0.75	0.58	0.76	0.71
3	0.85	0.74	0.65	0.58	0.81	0.71	0.63	0.48	0.67	0.6
4	0.78	0.65	0.56	0.49	0.74	0.63	0.54	0.41	0.59	0.52
5	0.71	0.58	0.48	0.42	0.68	0.56	0.47	0.36	0.52	0.45
6	0.66	0.52	0.43	0.36	0.63	0.5	0.42	0.31	0.47	0.4
7	0.61	0.47	0.38	0.32	0.58	0.46	0.37	0.28	0.43	0.35
8	0.56	0.43	0.34	0.28	0.54	0.41	0.33	0.25	0.39	0.32
9	0.53	0.39	0.31	0.25	0.51	0.38	0.3	0.22	0.36	0.29
10	0.49	0.36	0.28	0.23	0.47	0.35	0.27	0.2	0.33	0.26



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