



Project	
Notes	
Type	Date
Cat. No.	

SWL™ Series

CCT Adjustable LED Stairwell Fixture

DESCRIPTION

The SWL Series of LED stairwell fixtures are a cost effective, energy-saving replacement for less efficient fluorescent fixtures. The SWL fixture features 120° light angle covered with an polycarbonate lens and a one-piece fabricated steel body. These LED stairwell fixtures are ideal for lighting in parking garages and stairwells and/or other applicable building lighting in residential multi-family buildings, workshops, utility rooms, corridors and other commercial applications.



Specification Features



Construction

Rugged construction, solid die formed, cold-rolled steel housing. All fixture surfaces powder coated after fabrication. Frosted acrylic diffusers provide even consistent light while reducing glare. Lens design and materials provide uniform appearance without pixelation.

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

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.

Installation

Suitable for wall or ceiling mounting, vertical or horizontal.

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.

SWL Series

2' Housing

17W (2,210 Lumens)

4' Housing

34W (4,420 Lumens)

Rated Life 60,000 hours
Limited Warranty 5 years
Efficacy up to 130 LPW
Continuous Dimming



**Quick Ship
DLC Listed**

SWL-2-17-MVD-830/35/40
 SWL-4-34-MVD-830/35/40

Ordering Information

Example: SWL-2-17-MVD-830/35/40

SWL	2	17	MVD	8	30/35/40
Series	Form Factor	Rated Wattage	Driver Type	CRI	Color Temp
SWL LED Stairwell Fixture	2- 24" Length ² 4- 48" Length ²	2' Housing 17- 17W (2,210 Lumens) ² 4' Housing 34- 34W (4,420 Lumens) ²	MVD- 120-277V; 0-10V Dimming ²	8 80+ CRI ²	30/35/40 3000K/3500K/4000K ² Adjustable Switch
Options					
			Emergency Backup EML8 800lm EML16 1600lm	Controls MOS- Integral Microwave Sensor, On/Off MOSB- Integral Bi-Level Microwave Sensor	Accessories N/A

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	> 130 lm/W
CRI	80+, R9 > 0
Available CCT ¹	3000K, 3500K, 4000K Adjustable
Color Consistency ²	5-step MacAdam Ellipse
Rated Life	60,000 hours
L70 ³	> 72,000 hours or > 45,000
Power Factor	>0.92
THD	< 2.3%
Dimming	0-10V Continuous (10-100%)
Operating Temp.	-18°C to 40°C

Configurations

CCT Adjustable Instructions

In order to switch Kelvin temperatures, flip the switch to the desired configuration.

COLOR TEMPERATURE ADJUSTMENT SETTING



Performance Data

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Frosted Acrylic	24"	LSWL-2-17-MVD-830/40/50	17W	2,210	130
	48"	LSWL-4-34-MVD-830/40/50	34W	4,420	130

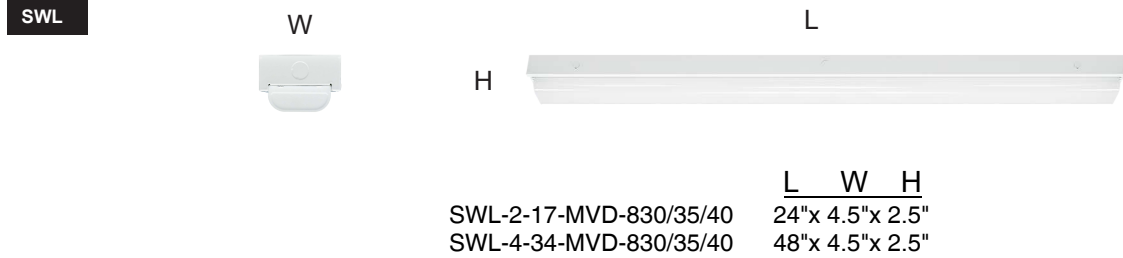
NOTES:

- ¹ Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- ² DLC Listed
- ³ DLC Premium Listed
- ⁴ Typical color consistency. May vary or be changed.
- ⁵ 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

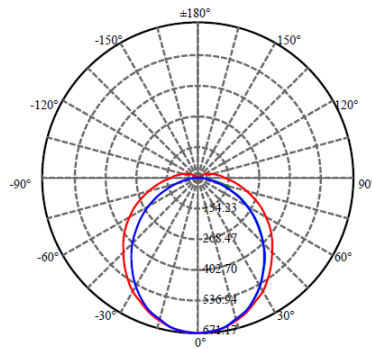


Photometric Data

SWL-2-17-MVD-830/35/40 Tested in accordance to IESNA LM-79

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	512.10	24.22%	24.22%
0-40	831.79	39.34%	39.34%
0-60	1467.02	69.39%	69.39%
0-90	1994.21	94.32%	94.32%
0-120	2105.52	99.58%	99.58%
0-180	2114.31	100.00%	100.00%
60-90	527.19	24.93%	24.93%
90-120	111.31	5.26%	5.26%
90-130	117.06	5.54%	5.54%
90-150	118.77	5.62%	5.62%
90-180	120.07	5.68%	5.68%
0-68.93	1691.45	80.00%	80.00%

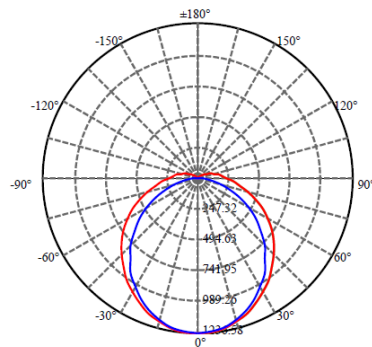


RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOFC=20 CU															
0	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	0.97	0.97	0.97	0.94
1	1.01	0.96	0.91	0.98	0.93	0.89	0.92	0.89	0.85	0.87	0.85	0.82	0.83	0.81	0.78	0.76
2	0.87	0.80	0.73	0.85	0.78	0.72	0.80	0.74	0.70	0.76	0.71	0.67	0.72	0.68	0.65	0.62
3	0.76	0.67	0.61	0.74	0.66	0.60	0.70	0.63	0.58	0.67	0.61	0.56	0.63	0.59	0.54	0.52
4	0.67	0.58	0.51	0.66	0.57	0.50	0.62	0.55	0.49	0.59	0.53	0.48	0.56	0.51	0.47	0.44
5	0.60	0.51	0.44	0.58	0.50	0.43	0.56	0.48	0.42	0.53	0.47	0.41	0.51	0.45	0.40	0.38
6	0.54	0.45	0.38	0.53	0.44	0.38	0.50	0.43	0.37	0.48	0.41	0.36	0.46	0.40	0.35	0.33
7	0.49	0.40	0.34	0.48	0.39	0.33	0.46	0.38	0.33	0.44	0.37	0.32	0.42	0.36	0.31	0.29
8	0.45	0.36	0.30	0.44	0.35	0.30	0.42	0.34	0.29	0.40	0.34	0.29	0.39	0.33	0.28	0.26
9	0.41	0.33	0.27	0.40	0.32	0.27	0.38	0.31	0.26	0.37	0.31	0.26	0.36	0.30	0.25	0.24
10	0.38	0.30	0.24	0.37	0.29	0.24	0.36	0.29	0.24	0.34	0.28	0.23	0.33	0.27	0.23	0.21

SWL-4-34-MVD-830/35/40 Tested in accordance to IESNA LM-79

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	947.71	23.65%	23.65%
0-40	1544.93	38.56%	38.56%
0-60	2743.14	68.46%	68.46%
0-90	3756.36	93.75%	93.75%
0-120	3986.29	99.49%	99.48%
0-180	4006.92	100.00%	100.00%
60-90	1013.23	25.29%	25.29%
90-120	229.92	5.74%	5.74%
90-130	243.49	6.08%	6.08%
90-150	248.02	6.19%	6.19%
90-180	250.49	6.25%	6.25%
0-69.72	3205.54	80.00%	80.00%



RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOFC=20 CU															
0	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	0.96	0.96	0.96	0.94
1	1.00	0.95	0.91	0.97	0.93	0.89	0.92	0.88	0.85	0.87	0.84	0.81	0.82	0.80	0.78	0.75
2	0.87	0.79	0.73	0.84	0.77	0.72	0.80	0.74	0.69	0.75	0.71	0.67	0.71	0.68	0.64	0.61
3	0.76	0.67	0.60	0.74	0.66	0.59	0.70	0.63	0.57	0.66	0.60	0.56	0.63	0.58	0.54	0.51
4	0.67	0.58	0.51	0.65	0.57	0.50	0.62	0.54	0.49	0.59	0.52	0.47	0.56	0.50	0.46	0.44
5	0.60	0.50	0.43	0.58	0.49	0.43	0.55	0.48	0.42	0.53	0.46	0.41	0.50	0.44	0.40	0.37
6	0.54	0.44	0.38	0.52	0.44	0.37	0.50	0.42	0.37	0.48	0.41	0.36	0.45	0.40	0.35	0.33
7	0.49	0.40	0.33	0.47	0.39	0.33	0.45	0.38	0.32	0.43	0.37	0.32	0.41	0.35	0.31	0.29
8	0.44	0.36	0.30	0.43	0.35	0.29	0.41	0.34	0.29	0.40	0.33	0.28	0.38	0.32	0.28	0.26
9	0.41	0.32	0.27	0.40	0.32	0.26	0.38	0.31	0.26	0.37	0.30	0.25	0.35	0.29	0.25	0.23
10	0.37	0.29	0.24	0.37	0.29	0.24	0.35	0.28	0.23	0.34	0.28	0.23	0.33	0.27	0.23	0.21



© 2023 GlobaLux Lighting, LLC. All rights reserved. For informational purposes only. Reproduction in whole or part is prohibited without prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequences of its use. GlobaLux Lighting reserves the rights make changes in specification at any time without notice.

GlobaLux Lighting LLC
 www.globaluxlighting.com
 2037 S. Vineyard Ave
 Ontario, CA 91761
 Ph: 909-591-7506