



# ARCHITECTURAL LED

## SWW 100 (2FT) SERIES (4' AND 8' AVAILABLE)

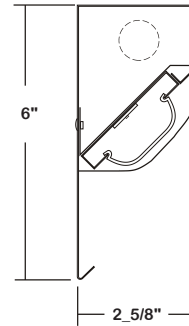
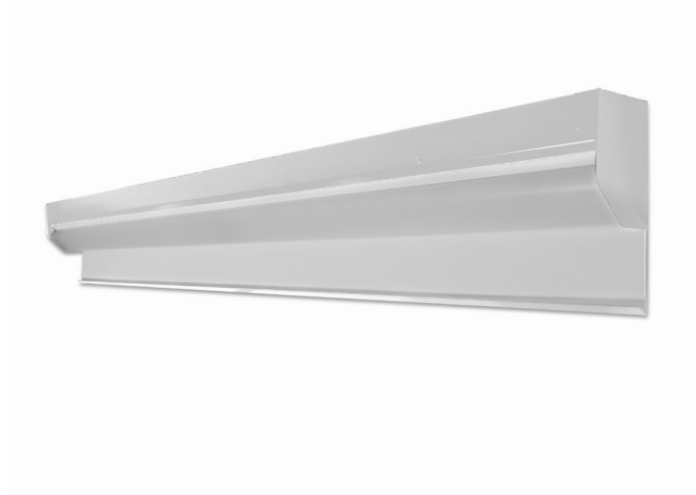
STATIONARY WALL WASH LUMINAIRE

DATE	
JOB	

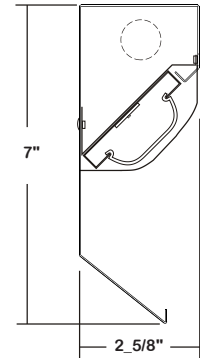
WWW.LALIGHTING.COM  
626-454-8300

### SURFACE / CEILING / WALL MOUNTED LED LUMINAIRE

### DIMENSIONS

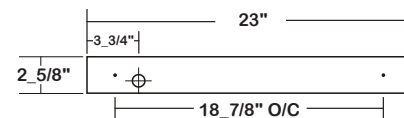


RB 1-Bend Reflector



RD 2-Bend Reflector

• 3/16" MTG. HOLE    ⌀ 7/8" K.O.



### APPLICATIONS

- Architectural, Office, Retail, Museum, Bowling Alley, Commercial

### FEATURES

- 0-10V dimming driver standard (See *DRIVER OPTIONS* for other dimming types)
- Supports California Title 24 compliance

### OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Wireless control options available (See *SENSOR OPTIONS* for wireless controls)
- Custom colors available (See *CUSTOM COLORS* for color options)
- Tunable white available (2700K-6500K)

### SPECIFICATIONS

#### CONSTRUCTION

- 22 ga. cold rolled steel welded housing

#### OPTICAL

- Frosted white acrylic lens
- Frosted acrylic lens

#### FINISH

- Baked white powder coated finish / welded and painted after fabrication / minimum reflectance 90%

#### ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life greater than 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

#### LISTING

- UL USA and Canada listed / suitable for damp locations

#### WARRANTY

- 5-year limited warranty



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**MADE IN THE U.S.A.**

Revised 06-19-19

**WARNING**

**ORDERING INFORMATION**

EXAMPLE: SWW100-2-2L-RB-FRWA-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	COLOR	REFLECTOR	OPTICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
SWW100			2L					DRDM	UNV	1	
SWW100 Stationary Wall Wash LED Luminaire	1 Nom. 1000 Lumens 2 Nom. 2000 Lumens 3 Nom. 3000 Lumens 4 Nom. 4000 Lumens  *Additional Lumen Packages Available	(Blank) Standard  HE High Efficacy (Only 1000 / 2000 / 3000 lumens Systems)	2L 2'	BLK Black  BZ Bronze  *Leave Blank for Standard White  See CUSTOM COLORS for Options	RB 1-Bend Light Shield  RD 2-Bend Light Shield	FRA Frosted Acrylic  FRWA Frosted White Acrylic	WLC(LED RU) EnOcean Wireless Control  See SENSOR OPTIONS for Options  *Leave Blank if Not Specified  Additional Electrical Options	DRDM 0-10V Dimming Driver  See DRIVER OPTIONS for Options	UNV 120V-277V  See DRIVER OPTIONS for Options	1 One LED Row	830 80+CRI / 3000K Color Temp.  835 80+CRI / 3500K Color Temp.  840 80+CRI / 4000K Color Temp.  850 80+CRI / 5000K Color Temp.  *Additional Color Temp. Available

**SYSTEM DATA**

THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	SWW100-1-2L-RB-FRWA-DRDM-UNV-1/840	917 lm	7.9 W	116.3 lm/W	-20°C / 35°C	1-F17T8	*
	SWW100-1-2L-RD-FRWA-DRDM-UNV-1/840	837 lm	7.9 W	106.2 lm/W			*
2000 Lumens (Nominal)	SWW100-2-2L-RB-FRWA-DRDM-UNV-1/840	1751 lm	15.8 W	110.9 lm/W	-20°C / 35°C	2-F17T8, 1-F24T5HO	<a href="#">LA-T3448</a>
	SWW100-2-2L-RD-FRWA-DRDM-UNV-1/840	1600 lm	15.8 W	101.2 lm/W			<a href="#">LA-T3454</a>
3000 Lumens (Nominal)	SWW100-3-2L-RB-FRWA-DRDM-UNV-1/840	2504 lm	26.1 W	95.9 lm/W	-20°C / 35°C	3-F17T8	*
	SWW100-3-2L-RD-FRWA-DRDM-UNV-1/840	2287 lm	26.1 W	87.6 lm/W			*
4000 Lumens (Nominal)	SWW100-4-2L-RB-FRWA-DRDM-UNV-1/840	3386 lm	26.5 W	127.9 lm/W	-20°C / 35°C	4-F17T8, 2-F24T5HO	*
	SWW100-4-2L-RD-FRWA-DRDM-UNV-1/840	3093 lm	26.5 W	116.8 lm/W			*

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	SWW100-1HE-2L-RB-FRWA-DRDM-UNV-1/840	920 lm	6.4 W	144.8 lm/W	-20°C / 35°C	1-F32T8	*
	SWW100-1HE-2L-RD-FRWA-DRDM-UNV-1/840	840 lm	6.4 W	132.3 lm/W			*
2000 Lumens (Nominal)	SWW100-2HE-2L-RB-FRWA-DRDM-UNV-1/840	1635 lm	11.7 W	140.4 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
	SWW100-2HE-2L-RD-FRWA-DRDM-UNV-1/840	1494 lm	11.7 W	128.2 lm/W			*
3000 Lumens (Nominal)	SWW100-3HE-2L-RB-FRWA-DRDM-UNV-1/840	2470 lm	18.4 W	134.6 lm/W	-20°C / 35°C	3-F32T8	*
	SWW100-3HE-2L-RD-FRWA-DRDM-UNV-1/840	2256 lm	18.4 W	122.9 lm/W			*

**NOTE:**  
System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application.

This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.

Additional lumen packages and color temperatures available.

**PERFORMANCE DATA**

[VIEW PHOTOMETRICS](#)



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Revised 06-19-19  
**WARNING**

**SENSOR OPTIONS**



- WLC(LED RU) - EnOcean® LED Relay Zone Controller**
- Supports a single LED fixture or multiple daisy chained LED fixtures
  - Module installed inside lighting fixture
- ESRPU-W-EO - EnOcean® Rocker Switch – Single – Surface Mount**
- Wireless single rocker switch with mounting plate
  - No batteries needed
- EDRPU-W-EO - EnOcean® Rocker Switch – Double – Surface Mount**
- Wireless double rocker switch with mounting plate
  - No batteries needed
- S3054-N300 - EnOcean® Navigan NWC 300U – Commissioning Tool**
- Navigan Wireless Commissioner is used to configure EnOcean controllers & sensors
  - It can be used to define link tables, change parameters/settings, and to edit & store projects
  - Configuration settings can be saved and cloned to enable quick configuration
  - Connectivity is through the NWC 300U USB Stick

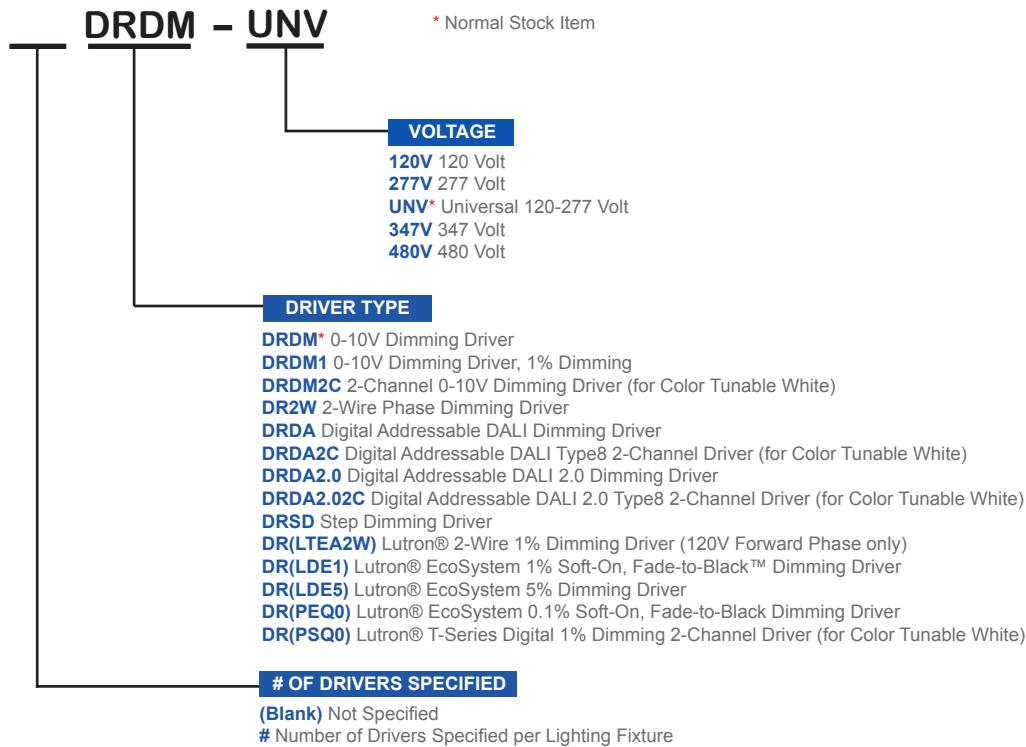
- EOSWU-W-EO - EnOcean® Occupancy Sensor – Wall Mount**
- Wireless wall mounted occupancy sensor
  - Solar powered - no batteries needed (coin battery operated in low light conditions)
  - PIR motion sensor with both wide angle (50') and long range (100') options
  - Mounting height: 6-8 feet

- EOSCU-W-EO - EnOcean® Occupancy Sensor – Ceiling Mount**
- Wireless ceiling mounted occupancy sensor
  - Solar powered - no batteries needed (coin battery operated in low light conditions)
  - PIR motion sensor with 360 degree viewing angle lens (34' diameter)
  - Mounting height: 7-10 feet

- ELLSU-W-EO - EnOcean® Light Level Sensor – Ceiling Mount**
- Light Level sensor that measures and reports the level of available natural light
  - Solar powered - no batteries needed (coin battery operated in low light conditions)
  - Enables implementation of daylight harvesting control systems
  - Mounting position: At the ceiling, close to ambient light source

**DRIVER OPTIONS**

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED DRIVER OPTION WORKS WITH THIS FIXTURE.



**CUSTOM COLORS**

BLK - Matte Black
CS - Camaro Silver
BZ - Statuary Bronze

Variety of RAL colors & Axalta/DuPont colors available upon request.



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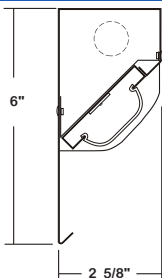
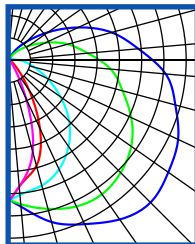
Revised 06-19-19

**WARNING**

**PHOTOMETRIC DATA - SWW100\_2FT**

**SWW100-2-2L-RB-FRWA-DRDM-1/840**

TEST NO.=LA-T3448  
 LED TYPE=48 LED MODULE  
 NO. OF MODULE=1  
 SYSTEM WATT (W)=15.8  
 CRI ≥ 80  
 L70(Hrs.) ≥ 50,000  
 PHOTOMETRY TYPE=C



**CANDLEPOWER**

ANGLE	END	45	90	135	CROSS
0	396	396	396	396	396
5	438	431	384	375	354
15	492	458	382	311	276
25	529	473	349	204	94
35	571	478	302	83	3
45	589	466	246	24	0
55	573	437	179	6	0
65	546	398	119	2	0
75	506	344	71	1	0
85	461	299	41	0	0
90	425	265	26	0	0
95	383	233	19	0	0
105	315	180	11	0	0
115	228	123	7	0	0
125	146	75	4	0	0
135	85	46	3	0	0
145	47	26	1	0	0
155	24	14	1	0	0
165	10	4	0	0	0
175	1	0	0	0	0
180	0	0	0	0	0

**ZONAL LUMEN SUMMARY**

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	301	14	17
0-40	482	23	28
0-60	885	41	51
0-90	1410	66	81
90-120	278	13	16
90-150	337	16	19
90-180	341	16	19
0-180	1752	82	100

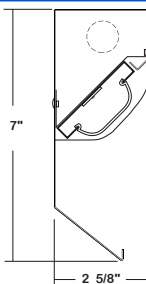
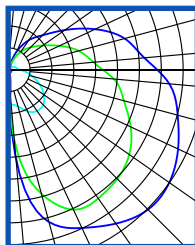
Luminaire Output = 1751.6 lumens  
 Luminaire Efficacy = 110.9 lm/W  
 Luminaire Efficiency = 81.77 %

**SPACING CRITERION**

ALONG	ACROSS
2.05	1.21

**SWW100-2-2L-RD-FRWA-DRDM-1/840**

TEST NO.=LA-T3454  
 LED TYPE=48 LED MODULE  
 NO. OF MODULE=1  
 SYSTEM WATT (W)=15.8  
 CRI ≥ 80  
 L70(Hrs.) ≥ 50,000  
 PHOTOMETRY TYPE=C



**CANDLEPOWER**

ANGLE	END	45	90	135	CROSS
0	102	102	102	102	102
5	290	232	101	18	6
15	458	376	113	5	0
25	504	446	134	7	1
35	541	451	143	8	1
45	569	442	139	7	0
55	564	422	119	4	0
65	537	385	94	2	0
75	502	341	65	1	0
85	463	302	41	0	0
90	426	269	29	0	0
95	391	244	24	0	0
105	345	208	21	0	0
115	276	162	18	0	0
125	202	122	15	1	0
135	143	93	11	1	0
145	109	70	7	1	0
155	71	43	3	1	0
165	35	17	1	0	0
175	4	1	0	0	0
180	0	0	0	0	0

**ZONAL LUMEN SUMMARY**

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	160	7	10
0-40	297	14	19
0-60	652	30	41
0-90	1164	54	73
90-120	315	15	20
90-150	423	20	26
90-180	435	20	27
0-180	1600	75	100

Luminaire Output = 1599.6 lumens  
 Luminaire Efficacy = 101.2 lm/W  
 Luminaire Efficiency = 74.68 %

**SPACING CRITERION**

ALONG	ACROSS
3.88	1.93

