



ARCHITECTURAL LED

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

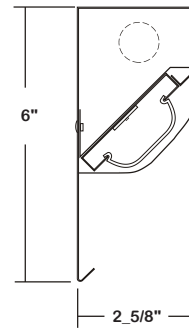
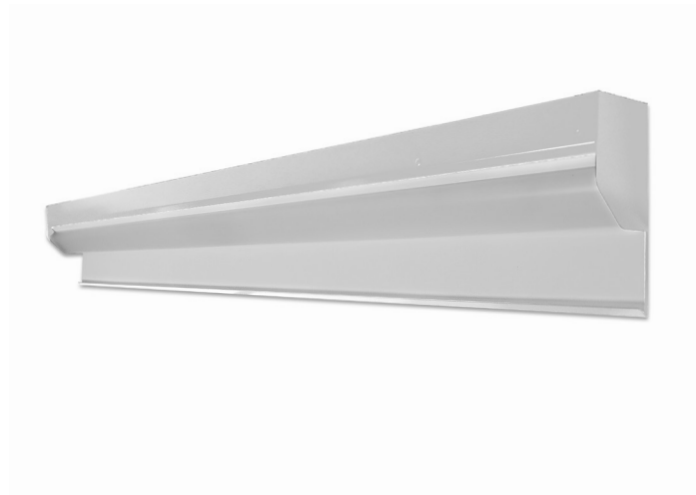
STATIONARY WALL WASH LUMINAIRE

DATE	
JOB	

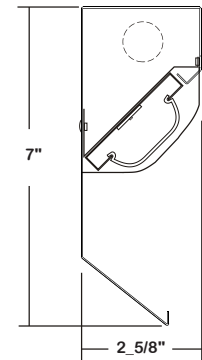
WWW.LALIGHTING.COM
626-454-8300

SURFACE / CEILING / WALL MOUNTED LED LUMINAIRE

DIMENSIONS

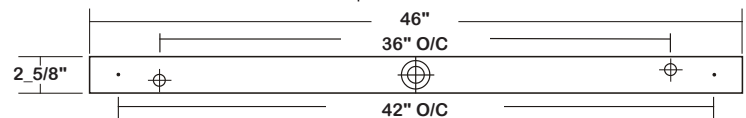


RB 1-Bend Reflector



RD 2-Bend Reflector

- 3/16" MTG. HOLE ⌀ 7/8" K.O. ⌀ 2" 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)
- Emergency battery pack available (See BATTERY PACK OPTIONS for battery pack options)
- 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 05-24-19

WARNING

ORDERING INFORMATION

EXAMPLE: SWW100-6-4L-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			4L					DRDM	UNV	1	
SWW100 Stationary Wall Wash LED Luminaire	2 Nom. 2000 Lumens 4 Nom. 4000 Lumens 6 Nom. 6000 Lumens 8 Nom. 8000 Lumens *Additional Lumen Packages Available	(Blank) Standard HE High Efficacy (Only 2000 / 4000 / 6000 lumens Systems)	4L 4'	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	BPLSL1.5 Emergency Battery Pack, Slim Casing, Nom. 1500 lm See BATTERY PACK OPTIONS for Options 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
2000 Lumens (Nominal)	SWW100-2-4L-RB-FRWA-DRDM-UNV-1/840	1840 lm	15.8 W	116.7 lm/W	-20°C / 35°C	1-F32T8	*
	SWW100-2-4L-RD-FRWA-DRDM-UNV-1/840	1673 lm	15.8 W	106.1 lm/W			*
4000 Lumens (Nominal)	SWW100-4-4L-RB-FRWA-DRDM-UNV-1/840	3513 lm	31.2 W	112.6 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	LA-T3449
	SWW100-4-4L-RD-FRWA-DRDM-UNV-1/840	3196 lm	31.2 W	102.4 lm/W			LA-T3455
6000 Lumens (Nominal)	SWW100-6-4L-RB-FRWA-DRDM-UNV-1/840	4290 lm	42.7 W	100.5 lm/W	-20°C / 35°C	3-F32T8	*
	SWW100-6-4L-RD-FRWA-DRDM-UNV-1/840	4569 lm	52.4 W	87.3 lm/W			*
8000 Lumens (Nominal)	SWW100-8-4L-RB-FRWA-DRDM-UNV-1/840	6795 lm	52.9 W	128.4 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
	SWW100-8-4L-RD-FRWA-DRDM-UNV-1/840	6178 lm	52.9 W	116.7 lm/W			*

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	SWW100-2HE-4L-RB-FRWA-DRDM-UNV-1/840	1846 lm	12.6 W	146.7 lm/W	-20°C / 35°C	1-F32T8	*
	SWW100-2HE-4L-RD-FRWA-DRDM-UNV-1/840	1679 lm	12.6 W	133.3 lm/W			*
4000 Lumens (Nominal)	SWW100-4HE-4L-RB-FRWA-DRDM-UNV-1/840	3282 lm	23.2 W	141.6 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
	SWW100-4HE-4L-RD-FRWA-DRDM-UNV-1/840	2984 lm	23.2 W	128.8 lm/W			*
6000 Lumens (Nominal)	SWW100-6HE-4L-RB-FRWA-DRDM-UNV-1/840	4958 lm	36.8 W	134.7 lm/W	-20°C / 35°C	3-F32T8	*
	SWW100-6HE-4L-RD-FRWA-DRDM-UNV-1/840	4508 lm	36.8 W	122.4 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 05-24-19
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

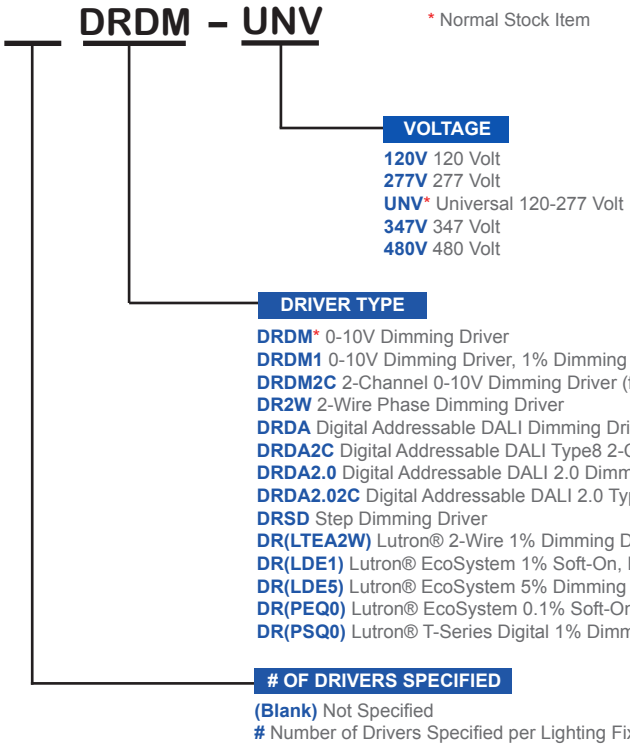
- EOSWU-W-EO - EnOcean® Occupancy Sensor – Wall Mount**
- Wireless wall mounted occupancy sensor
 - Solar powered - no batteries needed (coin battery operated in low light conditions)
 - PIR motion sensor with both wide angle (50') and long range (100') options
 - Mounting height: 6-8 feet

- 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

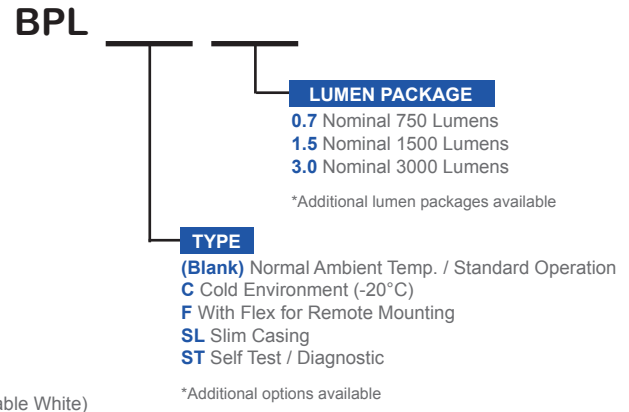
DRIVER OPTIONS

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

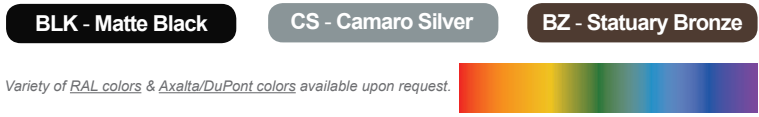


BATTERY PACK OPTIONS

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CUSTOM COLORS



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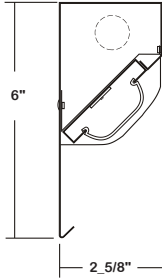
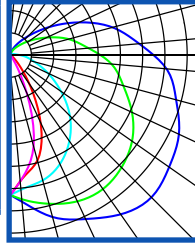
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Revised 05-24-19
WARNING

PHOTOMETRIC DATA - SWW100_4FT

SWW100-4-4L-RB-FRWA-DRDM-1/840

TEST NO.=LA-T3449
 LED TYPE=48 LED MODULE
 NO. OF MODULE=2
 SYSTEM WATT (W)=31.2
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	90	135	CROSS
0	781	781	781	781	781
5	876	834	790	716	710
15	976	903	770	623	534
25	1054	938	700	406	190
35	1148	957	609	163	5
45	1180	936	495	42	0
55	1152	887	363	7	0
65	1090	798	239	2	0
75	1016	699	143	1	0
85	926	606	83	0	0
90	850	543	55	0	0
95	769	468	38	0	0
105	626	367	23	0	0
115	460	251	13	0	0
125	293	153	8	0	0
135	172	91	5	0	0
145	95	50	3	0	0
155	49	27	1	0	0
165	18	9	0	0	0
175	2	1	0	0	0
180	0	0	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	599	14	17
0-40	962	22	27
0-60	1772	41	50
0-90	2827	66	80
90-120	560	13	16
90-150	680	16	19
90-180	687	16	20
0-180	3515	82	100

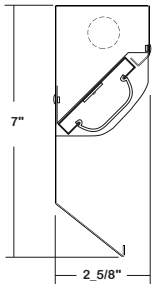
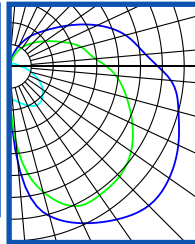
Luminaire Output = 3514.9 lumens
 Luminaire Efficacy = 112.7 lm/W
 Luminaire Efficiency = 82.05 %

SPACING CRITERION

ALONG	ACROSS
2.07	1.24

SWW100-4-4L-RD-FRWA-DRDM-1/840

TEST NO.=LA-T3455
 LED TYPE=48 LED MODULE
 NO. OF MODULE=2
 SYSTEM WATT (W)=31.2
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	90	135	CROSS
0	192	192	192	192	192
5	581	466	194	39	14
15	895	752	217	2	0
25	997	889	249	3	0
35	1076	904	272	5	0
45	1133	894	262	5	0
55	1120	852	229	4	0
65	1070	778	179	2	0
75	1004	695	123	1	0
85	930	612	83	0	0
90	852	556	59	0	0
95	784	494	50	0	0
105	690	426	40	0	0
115	558	332	33	0	0
125	410	253	26	1	0
135	294	192	19	1	0
145	216	142	11	1	0
155	142	89	4	0	0
165	71	36	1	0	0
175	7	2	0	0	0
180	0	0	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	314	7	10
0-40	584	14	18
0-60	1287	30	40
0-90	2315	54	72
90-120	637	15	20
90-150	856	20	27
90-180	881	21	28
0-180	3196	75	100

Luminaire Output = 3195.9 lumens
 Luminaire Efficacy = 102.4 lm/W
 Luminaire Efficiency = 76.60 %

SPACING CRITERION

ALONG	ACROSS
3.97	1.95

