



ARCHITECTURAL SWW 100

SERIES 4FT, 8FT
® 2 1/2" WIDE STATIONARY WALL WASH LUMINAIRE



JOB	
TYPE	
DATE	

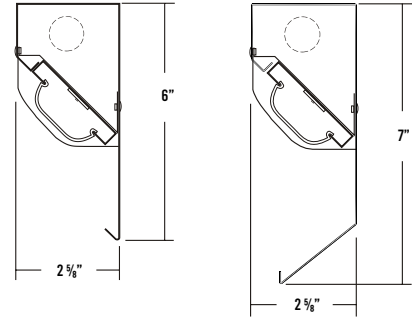
WWW.LALIGHTING.COM

TEL: 626-454-8300

CEILING / WALL SURFACE MOUNTED LED LUMINAIRE



CROSS SECTION

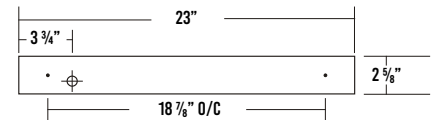


RB 1 BEND REFLECTOR

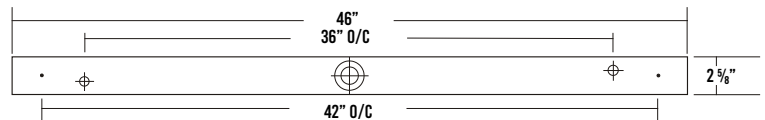
RB 2 BEND REFLECTOR



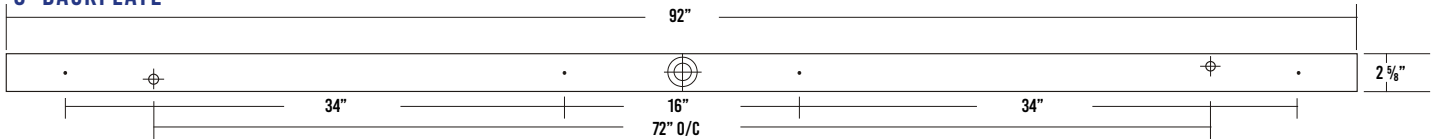
2' BACKPLATE



4' BACKPLATE



8' BACKPLATE



SPECIFICATIONS

CONSTRUCTION

- 22 gauge cold-rolled steel welded housing

FINISH

- Baked white powder-coated finish
- Painted after fabrication
- Minimum reflectance 90%

OPTICAL

- Frosted acrylic lens

ELECTRICAL

- High-efficiency drivers coupled with long-life LEDs
- Service life tested at 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 standard. 10-Year limited warranty also available

APPLICATIONS

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

FEATURES

- 0-10V Dimming driver standard
- Supports California Title 24 compliance

OPTIONS CONTACT CUSTOMER SERVICE FOR ADDITIONAL OPTIONS

- Controls
- Variety of lenses
- Custom housing colors
- Emergency battery pack
- Tunable white (2700K-6500K)
- Customization available upon request

CUSTOM COLORS

BLK - Matte Black

CS - Camaro Silver

BZ - Statuary Bronze



Variety of RAL colors available upon request.



Los Angeles Lighting Mfg. Co.

Contact Us
T: 626-454-8300 10141 Olney Street
F: 626-454-8399 El Monte, CA 91731
www.lalighting.com Made in the USA



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.

© 2023 LOS ANGELES LIGHTING MANUFACTURING CO. ALL RIGHTS RESERVED.

Revised: 04/24/2023



MADE IN THE USA
BAA Compliant

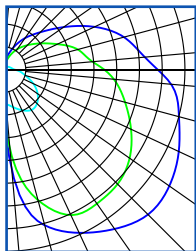
ORDERING INFORMATION

ADDITIONAL OPTIONS AVAILABLE. VISIT WWW.LALIGHTING.COM/RESOURCES FOR MORE INFORMATION

EXAMPLE: SWW100-4-4L-FRWA-BPL1.5-DRDM-UNV-1/840

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	COLOR	REFLECTOR	OPTICAL	CONTROLS	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT	
SWW100								DRDM	UNV	1		
SWW100 • 2½" Wide Stationary Wall Wash Luminaire	1 - 1000lm 2 - 2000lm 3 - 3000lm 4 - 4000lm High Efficacy 1HE - 1000lm 2HE - 2000lm 3HE - 3000lm	2L • 2'	(Blank) • Standard White BLK • Matte Black BZ • Statuary Bronze	RB • 1-Bend Light Shield RD • 2-Bend Light Shield	FRA • Frosted Acrylic FRWA • Frosted White Acrylic	WLC(LED RU) • Wireless Control	BPL1.5 ¹ • Emergency Battery Pack Slim Casing 1500 lm *Leave blank if not specified	DRDM • 0-10V Dimming Driver	UNV • 120V-277V	1 • 1 LED Row	830 • 80+CRI / 3000K 835 • 80+CRI / 3500K 840 • 80+CRI / 4000K 850 • 80+CRI / 5000K 8TW • 80+CRI Tunable White 2700K-6500K <i>Contact customer service for additional CRI / CCT packages, including 90CRI</i>	
	2 - 2000lm 4 - 4000lm 6 - 6000lm 8 - 8000lm High Efficacy 2HE - 2000lm 4HE - 4000lm 6HE - 6000lm	4L • 4'	CS • Camaro Silver	Standard options for SWW100 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.								
	4 - 4000lm 8 - 8000lm 12 - 12000lm 16 - 16000lm High Efficacy 4HE - 4000lm 8HE - 8000lm 12HE - 12000lm	8L • 8'	¹ Emergency battery not available for 2' length.									

PHOTOMETRIC DATA



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

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

SPACING CRITERION	
ALONG	ACROSS
3.97	1.95

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



Los Angeles Lighting Mfg. Co.
 Contact Us
 T: 626-454-8300
 F: 626-454-8399
www.lalighting.com
 10141 Olney Street
 El Monte, CA 91731
 Made in the USA



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.

© 2023 LOS ANGELES LIGHTING MANUFACTURING CO. ALL RIGHTS RESERVED.

Revised: 04/24/2023



SYSTEM DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

2' - 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	851	7.6	111.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
1000 Lumens (Nominal)	SWW100-1-2L-RD-FRWA-DRDM-UNV-1/840	777	7.6	101.7 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	SWW100-2-2L-RB-FRWA-DRDM-UNV-1/840	1670	14.1	118.2 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	*
2000 Lumens (Nominal)	SWW100-2-2L-RD-FRWA-DRDM-UNV-1/840	1525	14.1	108.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	*
3000 Lumens (Nominal)	SWW100-3-2L-RB-FRWA-DRDM-UNV-1/840	2557	22.1	115.6 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
3000 Lumens (Nominal)	SWW100-3-2L-RD-FRWA-DRDM-UNV-1/840	2335	22.1	105.6 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4000 Lumens (Nominal)	SWW100-4-2L-RB-FRWA-DRDM-UNV-1/840	3386	27.2	124.1 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F17T8 2-F24T5HO	*
4000 Lumens (Nominal)	SWW100-4-2L-RD-FRWA-DRDM-UNV-1/840	3092	27.2	113.3 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F17T8 2-F24T5HO	*
2' - 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	919	7.5	122.6 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
1000 Lumens (Nominal)	SWW100-1HE-2L-RD-FRWA-DRDM-UNV-1/840	840	7.5	112.0 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	SWW100-2HE-2L-RB-FRWA-DRDM-UNV-1/840	1635	12.3	132.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	*
2000 Lumens (Nominal)	SWW100-2HE-2L-RD-FRWA-DRDM-UNV-1/840	1493	12.3	120.6 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	*
3000 Lumens (Nominal)	SWW100-3HE-2L-RB-FRWA-DRDM-UNV-1/840	2470	18.6	132.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
3000 Lumens (Nominal)	SWW100-3HE-2L-RD-FRWA-DRDM-UNV-1/840	2256	18.6	120.7 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4' - 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	1707	13.4	116.7 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
2000 Lumens (Nominal)	SWW100-2-4L-RD-FRWA-DRDM-UNV-1/840	1552	13.4	116.1 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	SWW100-4-4L-RB-FRWA-DRDM-UNV-1/840	3352	26.7	112.6 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	LA-T3449
4000 Lumens (Nominal)	SWW100-4-4L-RD-FRWA-DRDM-UNV-1/840	3048	26.7	102.4 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	SWW100-6-4L-RB-FRWA-DRDM-UNV-1/840	5220	43.6	100.5 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
6000 Lumens (Nominal)	SWW100-6-4L-RD-FRWA-DRDM-UNV-1/840	4746	43.6	87.3 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	SWW100-8-4L-RB-FRWA-DRDM-UNV-1/840	6795	51.1	128.4 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
8000 Lumens (Nominal)	SWW100-8-4L-RD-FRWA-DRDM-UNV-1/840	6178	51.1	116.7 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*

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.



Los Angeles Lighting Mfg. Co.
 Contact Us
 T: 626-454-8300
 F: 626-454-8399
 www.lalighting.com
 10141 Olney Street
 El Monte, CA 91731
 Made in the USA



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.

© 2023 LOS ANGELES LIGHTING MANUFACTURING CO. ALL RIGHTS RESERVED.

Revised: 04/24/2023



SYSTEM DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

4" - 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	13.5	136.3 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
2000 Lumens (Nominal)	SWW100-2HE-4L-RD-FRWA-DRDM-UNV-1/840	1678	13.5	123.9 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	SWW100-4HE-4L-RB-FRWA-DRDM-UNV-1/840	3282	23.4	139.9 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
4000 Lumens (Nominal)	SWW100-4HE-4L-RD-FRWA-DRDM-UNV-1/840	2984	23.4	127.2 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	SWW100-6HE-4L-RB-FRWA-DRDM-UNV-1/840	4958	36.4	136.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
6000 Lumens (Nominal)	SWW100-6HE-4L-RD-FRWA-DRDM-UNV-1/840	4508	36.4	123.8 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8" - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	SWW100-4-8L-RB-FRWA-DRDM-UNV-1/840	3384	28.7	117.9 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
4000 Lumens (Nominal)	SWW100-4-8L-RD-FRWA-DRDM-UNV-1/840	3079	28.1	107.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
8000 Lumens (Nominal)	SWW100-8-8L-RB-FRWA-DRDM-UNV-1/840	6762	61.4	110.1 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	LA-T3450
8000 Lumens (Nominal)	SWW100-8-8L-RD-FRWA-DRDM-UNV-1/840	6151	61.4	100.2 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	LA-T3456
12000 Lumens (Nominal)	SWW100-12-8L-RB-FRWA-DRDM-UNV-1/840	10043	104.6	96.0 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8	*
12000 Lumens (Nominal)	SWW100-12-8L-RD-FRWA-DRDM-UNV-1/840	9138	104.6	87.4 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8	*
16000 Lumens (Nominal)	SWW100-16-8L-RB-FRWA-DRDM-UNV-1/840	13291	103.3	128.7 lm/W	-20°C / 35°C (-4°F / 95°F)	8-F32T8 4-F54T5HO	*
16000 Lumens (Nominal)	SWW100-16-8L-RD-FRWA-DRDM-UNV-1/840	12094	103.3	117.7 lm/W	-20°C / 35°C (-4°F / 95°F)	8-F32T8 4-F54T5HO	*
8" - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	SWW100-4HE-8L-RB-FRWA-DRDM-UNV-1/840	3320	22.7	146.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
4000 Lumens (Nominal)	SWW100-4HE-8L-RD-FRWA-DRDM-UNV-1/840	3021	22.7	132.8 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
8000 Lumens (Nominal)	SWW100-8HE-8L-RB-FRWA-DRDM-UNV-1/840	6560	45.2	144.8 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
8000 Lumens (Nominal)	SWW100-8HE-8L-RD-FRWA-DRDM-UNV-1/840	5969	45.2	131.8 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	SWW100-12HE-8L-RB-FRWA-DRDM-UNV-1/840	9910	71.1	139.3 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8	*
12000 Lumens (Nominal)	SWW100-12HE-8L-RD-FRWA-DRDM-UNV-1/840	9017	71.1	126.7 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8	*

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.



Los Angeles Lighting Mfg. Co.
 Contact Us
 T: 626-454-8300
 F: 626-454-8399
 www.lalighting.com
 10141 Olney Street
 El Monte, CA 91731
 Made in the USA



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.

© 2023 LOS ANGELES LIGHTING MANUFACTURING CO. ALL RIGHTS RESERVED.

Revised: 04/24/2023

