



ARCHITECTURAL LED

AWW 100 (4FT) SERIES

180° ADJUSTABLE WALL WASH LUMINAIRE

DATE	
JOB	

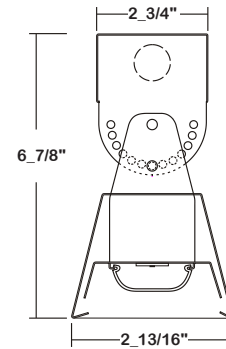
WWW.LALIGHTING.COM
626-454-8300

SURFACE / CEILING / WALL MOUNTED LED LUMINAIRE

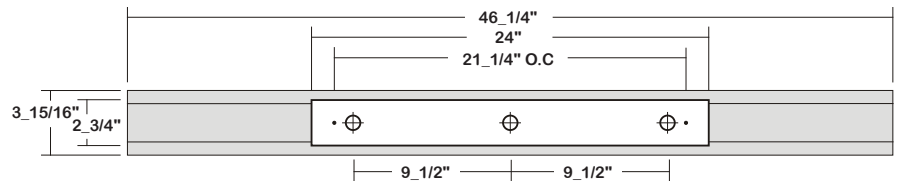
DIMENSIONS



*FRWA Lens Shown



- 3/16" MTG. HOLE \varnothing 7/8" K.O.



APPLICATIONS

- Architectural, Atrium, Retail, Office, Museum, Library, Commercial

FEATURES

- Adjustable bracket attached with adjustable range from 0° to 180° in 15° increments
- 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
- 18 ga. cold rolled steel adjustable bracket and adjustable bracket end cap for box
- 24 ga. pre-painted reflector
- End plates welded onto reflector and 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) \geq 0.9
- Total Harmonic Distortion (THD) \leq 20%

LISTING

- UL USA and Canada listed / suitable for damp locations

WARRANTY

- 5-year limited warranty



Los Angeles Lighting Mfg. Co.
Headquarters
10141 Olney Street
El Monte, CA 91731
Made in the USA

Contact Us
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www.lalighting.com



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.

MADE IN THE U.S.A.

Revised 05-14-19

WARNING

ORDERING INFORMATION

EXAMPLE: AWW100-4-4L-FRWA-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	COLOR	OPTICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
AWW100			4L				DRDM	UNV	1	
AWW100 180° Adjustable 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	FRWA Frosted White Acrylic FRA Frosted Acrylic	WLC(LED RU) EnOcean Wireless Control See SENSOR OPTIONS for Options *Leave Blank if Not Specified <i>Additional Electrical Options</i>	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)	AWW100-2-4L-FRWA-DRDM-UNV-1/840	1910 lm	14.9 W	128.6 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	AWW100-4-4L-FRWA-DRDM-UNV-1/840	3648 lm	31.5 W	115.9 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	LA-T3451
6000 Lumens (Nominal)	AWW100-6-4L-FRWA-DRDM-UNV-1/840	5215 lm	49.4 W	105.5 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	AWW100-8-4L-FRWA-DRDM-UNV-1/840	7052 lm	50.0 W	141.0 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*

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)	AWW100-2HE-4L-FRWA-DRDM-UNV-1/840	1916 lm	11.9 W	161.5 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	AWW100-4HE-4L-FRWA-DRDM-UNV-1/840	3406 lm	21.9 W	155.5 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	AWW100-6HE-4L-FRWA-DRDM-UNV-1/840	5145 lm	34.8 W	148.1 lm/W	-20°C / 35°C	3-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.

PERFORMANCE DATA

[VIEW PHOTOMETRICS](#)



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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.

DRDM - UNV * Normal Stock Item

VOLTAGE

- 120V 120 Volt
- 277V 277 Volt
- UNV* Universal 120-277 Volt
- 347V 347 Volt
- 480V 480 Volt

DRIVER TYPE

- DRDM* 0-10V Dimming Driver
- DRDM1 0-10V Dimming Driver, 1% Dimming
- DRDM2C 2-Channel 0-10V Dimming Driver (for Color Tunable White)
- DR2W 2-Wire Phase Dimming Driver
- DRDA Digital Addressable DALI Dimming Driver
- DRDA2C Digital Addressable DALI Type8 2-Channel Driver (for Color Tunable White)
- DRDA2.0 Digital Addressable DALI 2.0 Dimming Driver
- DRDA2.02C Digital Addressable DALI 2.0 Type8 2-Channel Driver (for Color Tunable White)
- DRSD Step Dimming Driver
- DR(LTEA2W) Lutron® 2-Wire 1% Dimming Driver (120V Forward Phase only)
- DR(LDE1) Lutron® EcoSystem 1% Soft-On, Fade-to-Black™ Dimming Driver
- DR(LDE5) Lutron® EcoSystem 5% Dimming Driver
- DR(PEQ0) Lutron® EcoSystem 0.1% Soft-On, Fade-to-Black Dimming Driver
- DR(PSQ0) Lutron® T-Series Digital 1% Dimming 2-Channel Driver (for Color Tunable White)

OF DRIVERS SPECIFIED

(Blank) Not Specified
Number of Drivers Specified per Lighting Fixture

CUSTOM COLORS

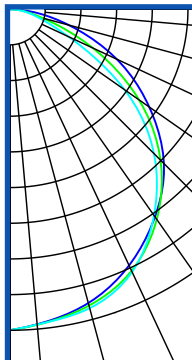
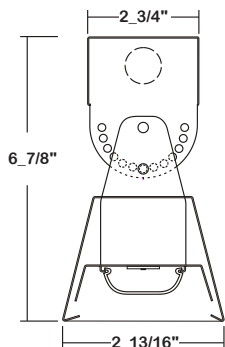
BLK - Matte Black CS - Camaro Silver BZ - Statuary Bronze

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

PHOTOMETRIC DATA - AWW100_4FT

AWW100-4-4L-FRWA-DRDM-1/840

TEST NO.=LA-T3451
 LED TYPE=48 LED MODULE
 NO. OF MODULE=2
 SYSTEM WATT (W)=31.5
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	1366	1366	1366
5	1346	1348	1347
15	1294	1306	1317
25	1203	1228	1234
35	1078	1092	1071
45	929	909	869
55	726	673	598
65	504	392	278
75	261	147	117
85	71	39	33
90	2	1	0
95	0	0	0
115	0	0	0
125	0	0	0
135	0	0	0
145	0	0	1
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1065	25	29
0-40	1746	41	48
0-60	3044	71	83
0-90	3648	85	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	3648	85	100

Luminaire Output = 3648 lumens
 Luminaire Efficacy = 115.8 lm/W
 Luminaire Efficiency = 85.15%

SPACING CRITERION

ALONG	ACROSS
1.24	1.25

