



# SURFACE MOUNT LED

## ANG 100 (4FT)

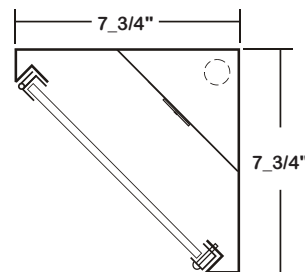
SERIES (2' AND 8' AVAILABLE)  
TRIANGULAR SHAPED LUMINAIRE

DATE	
JOB	

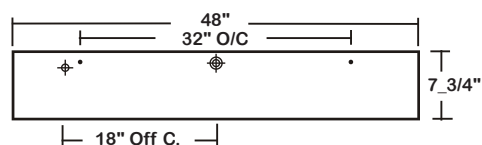
WWW.LALIGHTING.COM  
626-454-8300

### CORNER / WALL / CEILING MOUNTED LED LUMINAIRE

### DIMENSIONS



- 3/8" K.O.
- 7/8" K.O.
- 2" K.O.



### APPLICATIONS

- Corridor, 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
- Controls and sensors available (consult factory for sensor options)
- Wireless control options available (See *SENSOR OPTIONS* for wireless controls)
- Variety of lenses available (See *OPTICAL OPTIONS* for lenses)
- Emergency battery pack available (See *BATTERY PACK OPTIONS* for battery pack options)
- Chain mount coupling available (See *ACCESSORIES* for details)
- Custom colors available (See *CUSTOM COLORS* for color options)
- Tunable white available (2700K-6500K)

### SPECIFICATIONS

#### CONSTRUCTION

- 20 ga. cold rolled steel welded housing
- 20 ga. cold rolled steel door frame secured by full length piano hinge and two captive screws
- One way polyurethane gasket (See *GASKET* for additional options)

#### OPTICAL

- Clear prismatic 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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Revised 06-21-19

**WARNING**

ORDERING INFORMATION

EXAMPLE: ANG100-6-4L-PA-BPL1.5-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	COLOR	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
ANG100			4L					DRDM	UNV	1	
ANG100 Triangular Shaped 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	4L 4'	BLK Black  BZ Bronze  *Leave Blank for Standard White  See CUSTOM COLORS for Options	PA Clear Prismatic Acrylic  PA2 Clear Prismatic Acrylic 0.125  FPA2 Frosted Prismatic Acrylic 0.125  DRP2 High Impact Clear Prismatic Acrylic 0.125  DRP8 High Impact Clear Prismatic Acrylic 0.187  Additional Optical Options	GSKNx Neoprene Gasket  *Leave Blank if Not Specified  See GASKET for Options  Additional Mechanical Options	BPL1.5 Emergency Battery Pack, 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 / HID EQUIVALENT	IES FILES
2000 Lumens (Nominal)	ANG100-2-4L-PA-DRDM-UNV-1/840	1860 lm	16.8 W	110.6 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	ANG100-4-4L-PA-DRDM-UNV-1/840	3320 lm	34.7 W	95.7 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	<a href="#">LA-T2776</a>
6000 Lumens (Nominal)	ANG100-6-4L-PA-DRDM-UNV-1/840	4884 lm	52.3 W	93.4 lm/W	-20°C / 35°C	3-F32T8	<a href="#">LA-T2777</a>
8000 Lumens (Nominal)	ANG100-8-4L-PA-DRDM-UNV-1/840	7039 lm	69.2 W	101.8 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO, 175 W (MH)	*

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)	ANG100-2HE-4L-PA-DRDM-UNV-1/840	*	*	*	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	ANG100-4HE-4L-PA-DRDM-UNV-1/840	*	*	*	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	ANG100-6HE-4L-PA-DRDM-UNV-1/840	*	*	*	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	ANG100-8HE-4L-PA-DRDM-UNV-1/840	*	*	*	-20°C / 35°C	4-F32T8, 2-F54T5HO, 175 W (MH)	*

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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**WARNING**

**SENSOR OPTIONS**



**CONTROLS AND SENSORS**

**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

**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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**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

**BATTERY PACK OPTIONS**

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

**BPL**

**LUMEN PACKAGE**

- 0.7 Nominal 750 Lumens
- 1.5 Nominal 1500 Lumens
- 3.0 Nominal 3000 Lumens

\*Additional lumen packages available

**TYPE**

- (Blank) Normal Ambient Temp. / Standard Operation
- C Cold Environment (-20°C)
- F With Flex for Remote Mounting
- SL Slim Casing
- ST Self Test / Diagnostic

\*Additional options available

**OPTICAL OPTIONS**

**STANDARD LENSES FOR ANG100**

PA	Clear Prismatic Acrylic, No Thickness Specified, Female Prisms 3/16 Square Base
PA2	Clear Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base
FPA2	Frosted Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base
DRP2	High Impact Clear Prismatic Acrylic, Nom. 0.125 OA Thickness
DRP8	High Impact Clear Prismatic Acrylic, Nom. 0.187 OA Thickness

**GASKET**

**GSK N 1**

**GASKET**

**MATERIAL TYPE**

- N Neoprene
- Leave Blank for Polyurethane

**LOCATION**

- 1 One-Way
- 2 Two-Way



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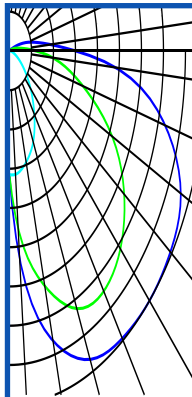
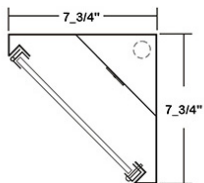
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**WARNING**

# PHOTOMETRIC DATA - ANG100 SERIES

## ANG100-4-4L-PA-1DRDM-UNV-1/840

TEST NO.=LA-T3172  
 LED TYPE=48 LED MODULE  
 NO. OF MODULE=2  
 SYSTEM WATT (W)=33.1  
 CRI ≥ 80  
 L70(Hrs.) ≥ 50,000  
 PHOTOMETRY TYPE=C



### CANDLEPOWER

ANGLE	END	45	CROSS
0	665	665	665
5	1121	957	666
15	1614	1309	619
25	1831	1530	540
35	1888	1578	416
45	1901	1506	287
55	1886	1344	173
65	1815	1088	90
75	1547	731	39
85	1023	417	16
90	635	254	7
95	395	145	2
115	50	12	0
125	5	1	0
135	0	0	0
145	0	0	0
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	650	15.1	18.4
0-40	1119	26.1	31.7
0-60	2205	51.4	62.5
0-90	3364	78.5	95.4
90-120	158.3	3.7	4.4
90-150	159.0	3.7	4.5
90-180	159.0	3.7	4.5
0-180	3524	82.2	100.00

Luminaire Output= 3524 lumens  
 Luminaire Efficacy = 106.5 lm/W

### SPACING CRITERION

ALONG	ACROSS
2.94	1.09

