



SECURITY LED

ASE 100 (2FT) SERIES (4' AVAILABLE)

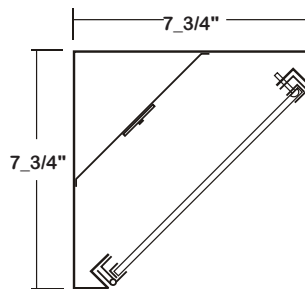
HIGH IMPACT ANGLED SECURITY LUMINAIRE

DATE	
JOB	

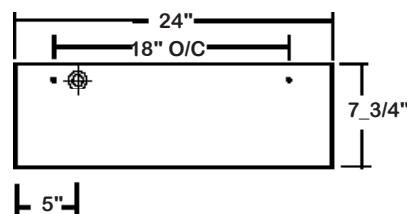
WWW.LALIGHTING.COM
626-454-8300

SURFACE / CORNER / WALL / CEILING MOUNTED SECURITY LED LUMINAIRE

DIMENSIONS



• 3/8" K.O. ⊕ 2" K.O.



APPLICATIONS

- Minimum Security, Wall Mount Areas, Vandal Resistant Areas, Public Areas, Commercial

FEATURES

- 0-10V dimming driver standard (See *DRIVER OPTIONS* for other dimming types)
- Supports California Title 24 compliance
- Safety cables attached to LED gear tray

OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Controls and sensors available (See *SENSOR OPTIONS* for controls and sensors)
- Wireless control options available (See *SENSOR OPTIONS* for wireless controls)
- Custom colors available (See *CUSTOM COLORS* for standard and custom options)
- Variety of lenses available (See *OPTICAL OPTIONS* for lenses)
- Emergency battery pack available (See *BATTERY PACK OPTIONS* for battery pack options)

SPECIFICATIONS

CONSTRUCTION

- 20 ga. cold rolled steel welded housing
- 20 ga. cold rolled steel door frame secured by stainless steel piano hinge and 2 captive stainless steel tamper proof screws
- Inner frame lens retainer rail
- One way polyurethane gasket standard (See *GASKET* for gasket options)

FINISH

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

OPTICAL

- High impact clear prismatic acrylic lens (nominal 0.187) standard

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



Los Angeles Lighting Mfg. Co.
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Revised 01-09-19

WARNING

ORDERING INFORMATION

EXAMPLE: ASE100-4-2L-DRP8-BPL10-1DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	COLOR	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
ASE100			2L					1DRDM	UNV	1	
ASE100 High Impact Angled Security LED Luminaire	2 Nom. 2000 Lumens 3 Nom. 3000 Lumens 4 Nom. 4000 Lumens *Additional Lumen Packages Available	(Blank) Standard HE High Efficacy (Only 2000 / 3000 lumens Systems)	2L 2'	(Blank) Standard White BLK Matte Black CS Camaro Silver BZ Statuary Bronze See <u>CUSTOM COLORS for Options</u>	DRP8 High Impact Clear Prismatic Acrylic Nominal 0.187 DRP2 High Impact Clear Prismatic Acrylic Nominal 0.125 PPC2 Clear Prismatic Polycarbonate Nominal 0.125 See <u>OPTICAL OPTIONS for Options</u>	GSKN1 One-Way Neoprene Gasket *Leave Blank if Not Specified See <u>GASKET for Options</u> <u>Additional Mechanical Options</u>	BPL10 Emergency Battery Pack, Constant 10W Nom. 1500 lm See <u>BATTERY PACK OPTIONS for Options</u> WLC(LED RU) EnOcean Wireless Control See <u>SENSOR OPTIONS for Options</u> *Leave Blank if Not Specified <u>Additional Electrical Options</u>	1DRDM 0-10V One Dimming Driver See <u>DRIVER OPTIONS for Options</u>	UNV 120V-277V See <u>DRIVER OPTIONS for Options</u>	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 / CFL EQUIVALENT	IES FILES
2000 Lumens (Nominal)	ASE100-2-2L-DRP8-1DRDM-UNV-1/840	1744 lm	16.9 W	103.1 lm/W	-20°C / 35°C	2-F17T8, 1-F24T5HO, 1-BX40	LA-T3171-1
3000 Lumens (Nominal)	ASE100-3-2L-DRP8-1DRDM-UNV-1/840	2493 lm	26.5 W	94.2 lm/W	-20°C / 35°C	3-F17T8, 1-BX55	*
4000 Lumens (Nominal)	ASE100-4-2L-DRP8-1DRDM-UNV-1/840	3366 lm	26.9 W	125.2 lm/W	-20°C / 35°C	4-F17T8, 2-F24T5HO, 100 W (MH), 2-BX40	*

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT / HID / CFL EQUIVALENT	IES FILES
2000 Lumens (Nominal)	ASE100-2HE-2L-DRP8-1DRDM-UNV-1/840	1724 lm	13.0 W	133.0 lm/W	-20°C / 35°C	2-F17T8, 1-F24T5HO, 1-BX40	*
3000 Lumens (Nominal)	ASE100-3HE-2L-DRP8-1DRDM-UNV-1/840	2557 lm	19.8 W	129.0 lm/W	-20°C / 35°C	3-F17T8, 1-BX55	*

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



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

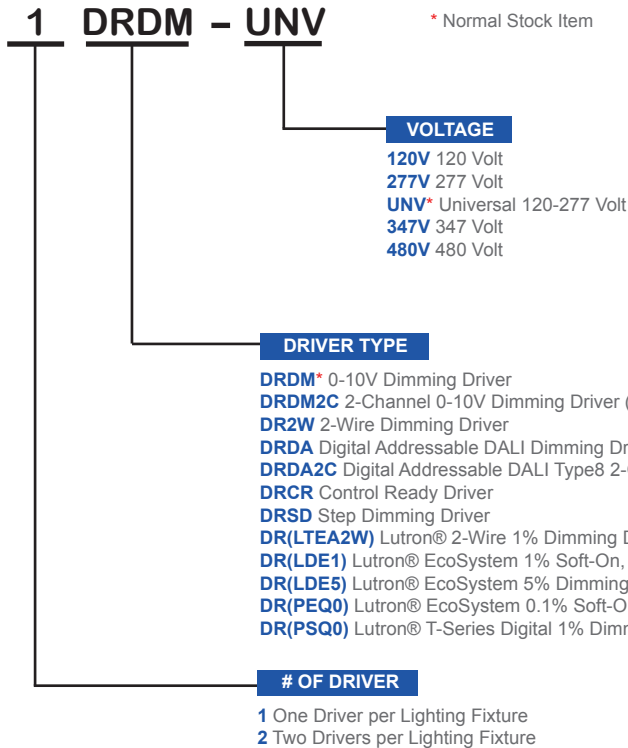
- Wireless ceiling mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with 360 degree viewing angle lens (34' diameter)
- Mounting height: 7-10 feet

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

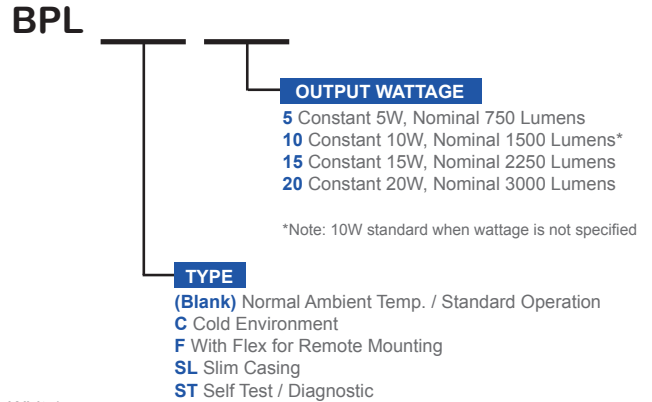
DRIVER OPTIONS

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



BATTERY PACK OPTIONS

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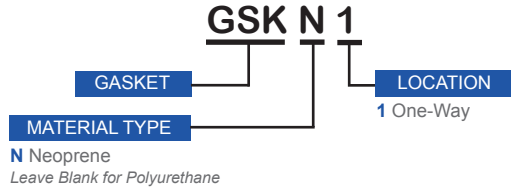
WARNING

OPTICAL OPTIONS

STANDARD LENSES FOR ASE100

DRP8	High Impact Clear Prismatic Acrylic, Nom. 0.187 OA Thickness, Female Prisms 3/16 Square Base
DRP2	High Impact Clear Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base
PPC2	Clear Prismatic Polycarbonate, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base

GASKET



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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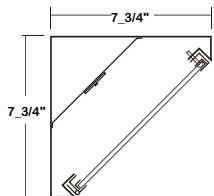
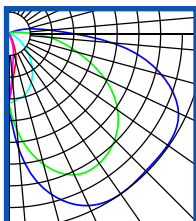
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PHOTOMETRIC DATA - ASE100 SERIES

ASE100-2-2L-DRP8-1DRDM-UNV-1/840

TEST NO.=LA-T3171-1
 LED TYPE=48 LED MODULE
 NO. OF MODULE=1
 SYSTEM WATT (W)=16.9
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS	135	180
0	340	340	340	340	340
5	564	476	331	233	201
15	817	663	308	138	93
25	930	764	263	61	27
35	960	776	202	22	4
45	952	737	136	6	0
55	953	653	82	1	0
65	920	520	43	0	0
75	777	350	19	0	0
85	510	200	8	0	0
90	321	123	4	0	0
95	204	71	2	0	0
115	25	6	0	0	0
125	3	1	0	0	0
135	0	0	0	0	0
145	0	0	0	0	0
155	0	0	0	0	0
165	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	326	15.2	18.7
0-40	559	26.1	32.1
0-60	1094	51.1	62.3
0-90	1663	77.6	95.4
90-120	79.8	3.7	4.5
90-150	80.2	3.7	4.6
90-180	80.2	3.7	4.6
0-180	1743	81.4	100.00

Luminaire Output = 1743 lumens
 Luminaire Efficacy = 103.1 lm/W

SPACING CRITERION

ALONG	ACROSS
2.91	1.05

