



SECURITY LED

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

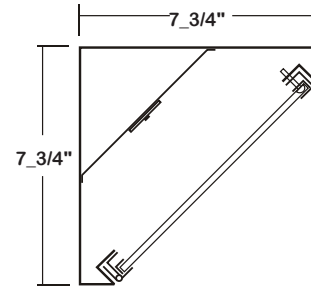
HIGH IMPACT ANGLED SECURITY LUMINAIRE

DATE	
JOB	

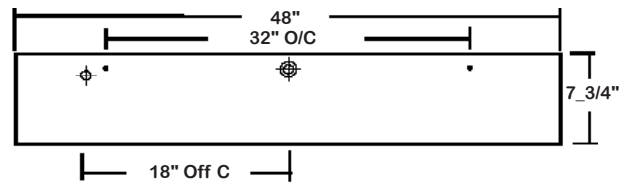
WWW.LALIGHTING.COM
626-454-8300

SURFACE / CORNER / WALL / CEILING MOUNTED SECURITY LED LUMINAIRE

DIMENSIONS



• 3/8" K.O. ⌀ 7/8" K.O. ⌀ 2" K.O.



APPLICATIONS

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

FEATURES

- 0-10V dimming driver standard
- 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
- Wireless control options available
- Custom colors available
- Variety of lenses available
- Emergency battery pack available

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

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.
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.

© 2022 LOS ANGELES LIGHTING MANUFACTURING CO. ALL RIGHTS RESERVED.

Revised: 01/09/19



ORDERING INFORMATION

EXAMPLE: ASE100-4-4L-DRP8-BPL1.5-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	COLOR	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
ASE100			4L					DRDM	UNV		
ASE100 High Impact Angled Security LED Luminaire	4 Nom. 4000 Lumens 6 Nom. 6000 Lumens 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens *Additional Lumen Packages Available	(Blank) Standard HE High Efficacy	4L 4'	(Blank) Standard White BLK Matte Black CS Camaro Silver BZ Statuary Bronze	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	GSKN1 One-Way Neoprene Gasket *Leave Blank if Not Specified	BPL1.5 1500lm Emergency Battery Pack WLC(LEDUR) EnOcean Wireless Control *Leave Blank if Not Specified	DRDM 0-10V Dimming Driver	UNV 120V-277V	1 One LED Row (Only 4000 / 6000 / 8000 lumens Systems) 2 Two LED Rows (Only 12000 lumens Systems)	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
<p>Standard options for ASE100 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.</p>											

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
4000 Lumens (Nominal)	ASE100-4-4L-DRP8-DRDM-UNV-1/840	3524 lm	33.1 W	106.5 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	LA-T3172-1
6000 Lumens (Nominal)	ASE100-6-4L-DRP8-DRDM-UNV-1/840	5038 lm	52.3 W	96.3 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	ASE100-8-4L-DRP8-DRDM-UNV-1/840	6806 lm	53.8 W	126.5 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
12000 Lumens (Nominal)	ASE100-12-4L-DRP8-DRDM-UNV-2/840	10080 lm	104.6 W	96.3 lm/W	-20°C / 35°C	6-F32T8	*

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)	ASE100-4HE-4L-DRP8-DRDM-UNV-1/840	3292 lm	23.2 W	142.0 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	ASE100-6HE-4L-DRP8-DRDM-UNV-1/840	5294 lm	39.5 W	133.9 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	ASE100-8HE-4L-DRP8-DRDM-UNV-1/840	6816 lm	53.0 W	128.7 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
12000 Lumens (Nominal)	ASE100-12HE-4L-DRP8-DRDM-UNV-2/840	9946 lm	73.6 W	135.1 lm/W	-20°C / 35°C	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.

© 2022 LOS ANGELES LIGHTING MANUFACTURING CO. ALL RIGHTS RESERVED.

Revised: 01/09/19



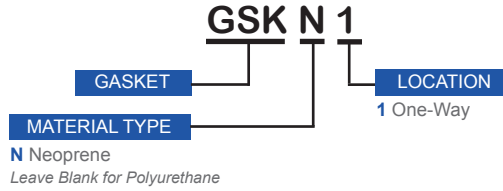
MADE IN THE USA
BAA Compliant

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.



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.

© 2022 LOS ANGELES LIGHTING MANUFACTURING CO. ALL RIGHTS RESERVED.

Revised: 01/09/19

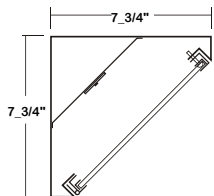
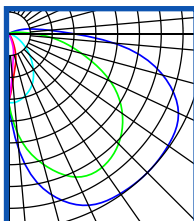


MADE IN THE USA
 BAA Compliant

PHOTOMETRIC DATA - ASE100 SERIES

ASE100-4-4L-DRP8-DRDM-UNV-1/840

TEST NO.=LA-T3172-1
 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	135	180
0	665	665	665	665	665
5	1121	957	666	467	396
15	1614	1309	619	270	187
25	1831	1530	540	123	54
35	1888	1578	416	43	7
45	1901	1506	287	11	0
55	1886	1344	173	2	0
65	1815	1088	90	0	0
75	1547	731	39	0	0
85	1023	417	16	0	0
90	635	254	7	0	0
95	395	145	2	0	0
115	50	12	0	0	0
125	5	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	650	15.1	18.4
0-40	1119	26.1	31.7
0-60	2205	51.4	62.5
0-90	3364	78.5	95.49
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	3523	82.2	100.00

Luminaire Output= 3523 lumens
 Luminaire Efficacy = 106.4 lm/W

SPACING CRITERION

ALONG	ACROSS
2.94	1.09

