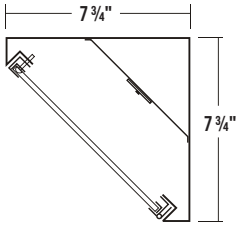
SECURITY
ASE100
HIGH IMPACT ANGLED LUMINAIRE

LED

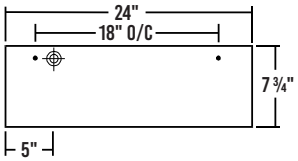
JOB	
TYPE	
DATE	

Minimum Security / Public Areas / Commercial

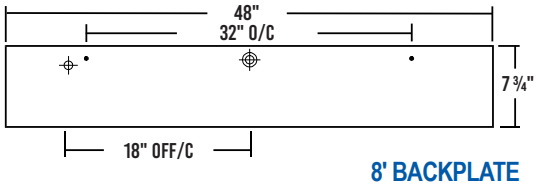
CROSS SECTION



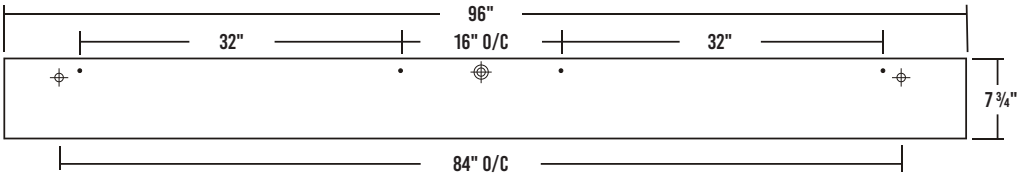
2' BACKPLATE



4' BACKPLATE



8' BACKPLATE



2" KO

7/8" Offset KO

3/8" KO

SPECIFICATIONS

Construction
- 20 gauge cold-rolled steel welded housing
- 20 gauge 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
- Painted after fabrication
- Baked white powder-coated finish
- 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 tested at 148,000 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
- Minimum Security, Wall Mount Areas, Vandal Resistant Areas, Public Areas, Commercial

FEATURES
- 0-10V dimming driver standard
- Sensors and Controls
- Wireless control options
- Supports California Title 24 compliance
- Safety cables attached to LED gear tray

OPTIONS
- Controls
- Neoprene gasket
- Tamper-proof screws
- Cord & Plug
- Emergency battery pack
- 10 kV surge protector
- Customization available upon request

Los Angeles Lighting Mfg. Co.
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www.lalighting.com
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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.

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BAA/BABA Compliant

ORDERING INFORMATION

Visit www.lalighting.com/resources for additional options.

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

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
ASE100								**1**	
ASE100 • High Impact Angled Security LED Luminaire	**2** - 2000 lm **3** - 3000 lm **4** - 4000 lm **High Efficacy** **2HE** - 2000 lm **3HE** - 3000 lm **4HE** - 4000 lm	**2L** • 2'	**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 for standard 1-way polyurethane gasket	**BPL1.5** • 1500 lm emergency battery pack **WLC(LEDRU)** • EnOcean Wireless Control **SP10** • 10 kV Surge Protector *Leave blank if not specified	**DRDM** • 0-10V Dimming Driver **DRDM2C** • 2-Channel 0-10V Dimming Driver (for Color Tunable White) **DRSD** • Step Dimming Driver **DR2W** • 120V 2-Wire Phase Dimming Driver (Must Specify 120V in Voltage Column)	**UNV** • 120V-277V **120V** • 120 Volt **277V** • 277 Volt	**1** • One LED Row	**827** • 80+CRI / 2700K **830** • 80+CRI / 3000K **835** • 80+CRI / 3500K **840** • 80+CRI / 4000K **850** • 80+CRI / 5000K **865** • 80+CRI / 6500K **8TW** • 80+CRI Tunable White 2700K-6500K Requires DRDM2C driver **90CRI Also available** Contact customer service for additional CRI/CCT packages.
	4 - 4000 lm **6** - 6000 lm **8** - 8000 lm **High Efficacy** **4HE** - 4000 lm **6HE** - 6000 lm **8HE** - 8000 lm	**4L** • 4'							
	8 - 8000 lm **12** - 12000 lm **16** - 16000 lm **High Efficacy** **8HE** - 8000 lm **12HE** - 12000 lm	**8L** • 8'							

Most common options for ASE100 shown above. For additional options, including lumen packages, controls, lenses, colors/finishes, cord & plug, switches, and more, visit www.lalighting.com/resources or contact customer service.

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 High-Impact Clear Prismatic Polycarbonate, Nom. 0.125" OA Thickness, Female Prisms 3/16" Square Base

SYSTEM DATA: Additional Lumen Packages Available. Contact Customer Service for More Information

Normal Temp

2' LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	ASE100-2-2L-DRP8-DRDM-UNV-1/840	1703	12.3	138.0 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F24T5HO 2x F17T8	*
3000 Lumens (Nominal)	ASE100-3-2L-DRP8-DRDM-UNV-1/840	2674	20.3	131.4 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F17T8	*
4000 Lumens (Nominal)	ASE100-4-2L-DRP8-DRDM-UNV-1/840	3302	25.8	127.8 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F24T5HO 4x F17T8	*

Normal Temp High Efficacy

2' 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)	ASE100-2HE-2L-DRP8-DRDM-UNV-1/840	1735	12.1	143.3 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F24T5HO 2x F17T8	*
3000 Lumens (Nominal)	ASE100-3HE-2L-DRP8-DRDM-UNV-1/840	2743	19.7	139.6 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F17T8	*
4000 Lumens (Nominal)	ASE100-4HE-2L-DRP8-DRDM-UNV-1/840	3406	24.8	137.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F24T5HO 4x F17T8	*

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SYSTEM DATA: Additional Lumen Packages Available. Contact Customer Service for More Information

Normal Temp

4' 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	3432	24.7	138.7 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	ASE100-6-4L-DRP8-DRDM-UNV-1/840	5066	37.9	133.7 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
8000 Lumens (Nominal)	ASE100-8-4L-DRP8-DRDM-UNV-1/840	6652	51.5	129.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*

Normal Temp High Efficacy

4' 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-2L-DRP8-DRDM-UNV-1/840	3496	24.2	144.3 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	ASE100-6HE-2L-DRP8-DRDM-UNV-1/840	5191	36.7	141.5 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
8000 Lumens (Nominal)	ASE100-8HE-2L-DRP8-DRDM-UNV-1/840	6863	49.5	138.7 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*

Normal Temp

8' LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
8000 Lumens (Nominal)	ASE100-8-8L-DRP8-DRDM-UNV-1/840	6884	49.5	139.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
12000 Lumens (Nominal)	ASE100-12-8L-DRP8-DRDM-UNV-1/840	10164	75.8	134.1 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F32T8 2x F96T8HO	*
16000 Lumens (Nominal)	ASE100-16-8L-DRP8-DRDM-UNV-1/840	13346	103.1	129.5 lm/W	-20°C / 35°C (-4°F / 95°F)	4x F54T5HO 8x F32T8	*

Normal Temp High Efficacy

8' LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
8000 Lumens (Nominal)	ASE100-8HE-8L-DRP8-DRDM-UNV-1/840	6671	45.8	145.6 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
12000 Lumens (Nominal)	ASE100-12HE-8L-DRP8-DRDM-UNV-1/840	10078	70.8	142.4 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F32T8 2x F96T8HO	*

NOTE:
System data as of 8/12/25 (K-Boards when applicable).
Luminaire efficiency: 2ft - 81.4%, 4ft - 82.0% 8ft - 82.3%
Subject to change without notice.

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.

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