SECURITY GSE110

LED

GRID-MOUNTED SECURITY LUMINAIRE

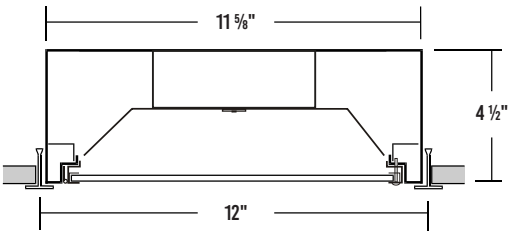
JOB	
TYPE	
DATE	

Commercial / Office / Classroom / Corridor



COMPATIBLE T-BAR GRIDS	
WIDTH	HEIGHT
15/16"	1 1/2"

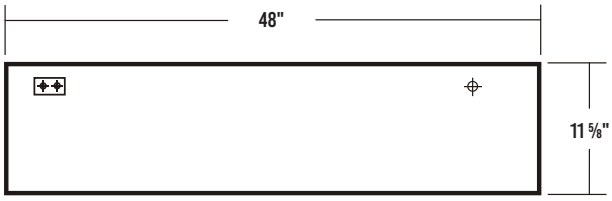
CROSS SECTION



Access Plate

7/8" Offset KO

4' BACKPLATE



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

- Security, Office, Classroom, Public Areas, Commercial

FEATURES

- 0-10V dimming driver standard
- Supports California Title 24 compliance

OPTIONS

- Range of lumen packages and color temperatures
- Sensors and controls
- Lens options
- Painted after fabrication
- Tunable white (2700K – 6500K)
- Emergency battery pack
- Neoprene gasket
- Customization available upon request

Los Angeles Lighting Mfg. Co.
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ROHS COMPLIANT

CERTIFIED

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.
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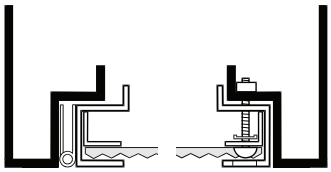
ORDERING INFORMATION: Additional Options Available. Visit www.lalighting.com/resources for more information

EXAMPLE: GSE110-6-4L-FSW-DRP8-BPL1.5-DRDM-UNV-1/840

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	DOOR FRAME	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
GSE110		**4L**							**1**	
GSE110 • High Impact Grid Security Luminaire	**2** - 2000 lm **4** - 4000 lm **6** - 6000 lm **8** - 8000 lm **12** - 12000 lm **High Efficacy** **2HE** - 2000 lm **4HE** - 4000 lm **6HE** - 6000 lm	**4L** • 4'	**FSW** • Flat Steel White Enamel Door Frame	**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 One-Way Polyurethane Gasket	**BPL1.5** • 1500 lm emergency battery pack **MS(xx)** • Motion Sensor **WLC(LEDRU)** • EnOcean Wireless Control *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	**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.
Standard options for GSE110 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.										

DOOR FRAME

CROSS SECTION



FEATURES
- Full Length Piano Hinge
- Two Captive Tamper Proof Screws (Hex Socket with Post)
- Inner Frame Lens Retainer Rail

FS **W**

FINISHES
W White Enamel

STYLES
FS Flat Steel

OPTICAL OPTIONS

STANDARD LENSES FOR GSE110

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

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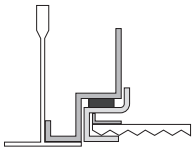
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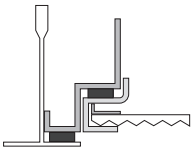
NEOPRENE GASKET

If Neoprene gasketing is not specified, standard one-way polyurethane gasket will be used.

One-Way
Gasket between housing and door frame.



Two-Way
Additional gasket between housing and grid.



GSKN 1

- GSKN: NEOPRENE GASKET
- 1: LOCATION
  - **1** One-Way
  - **2** Two-Way

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
2000 Lumens (Nominal)	GSE110-2-4L-DRP8-DRDM-UNV-1/840	1478	12.1	122.0 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
4000 Lumens (Nominal)	GSE110-4-4L-DRP8-DRDM-UNV-1/840	2901	24.8	117.0 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	GSE110-6-4L-DRP8-DRDM-UNV-1/840	4282	37.9	112.9 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
8000 Lumens (Nominal)	GSE110-8-4L-DRP8-DRDM-UNV-1/840	5622	51.5	109.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
12000 Lumens (Nominal)	GSE110-12-4L-DRP8-DRDM-UNV-1/840	8563	75.8	113.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F54T5HO 6x 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
2000 Lumens (Nominal)	GSE110-2HE-4L-DRP8-DRDM-UNV-1/840	1502	12.0	125.2 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
4000 Lumens (Nominal)	GSE110-4HE-4L-DRP8-DRDM-UNV-1/840	2955	24.2	122.0 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	GSE110-6HE-4L-DRP8-DRDM-UNV-1/840	4388	36.7	119.6 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*

NOTE:
System data as of 7/1/25 (K-Boards).
Luminaire efficiency: 1x4 - 69.3%
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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