



RECESSED LED

GSL320 (2X2) SERIES (2X4 AVAILABLE)

HINGE AND LATCH DOOR FRAME GRID SHALLOW LUMINAIRE

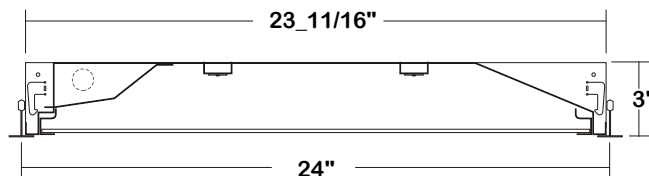
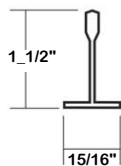


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JOB	

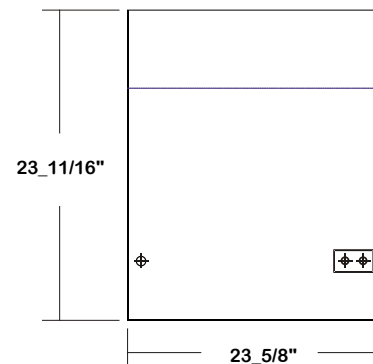
WWW.LALIGHTING.COM
626-454-8300

RECESSED MOUNTED LED LUMINAIRE FOR INVERTED T-BAR CEILINGS

DIMENSIONS



ACCESS PLATE
 7/8" K.O.



APPLICATIONS

- Commercial, Office

FEATURES

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

OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Wireless control options available
- Variety of lenses available
- Emergency battery pack available
- Tamper proof screws available

SPECIFICATIONS

CONSTRUCTION

- 22 ga. cold rolled steel housing (20 ga. housing available as specified)
- 20 ga. cold rolled steel door frame (extruded aluminum in various finishes available) secured by T-hinges and positive spring loaded latches
- One way polyurethane gasket (additional options available)

FINISH

- Baked white polyester finish (powder coated finish available) / minimum reflectance 86%

OPTICAL

- Clear prismatic acrylic lens

ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life tested at 50,000-193,000 hours (L70), up to 54,000 hours (L90)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) $\leq 20\%$

LISTING

- UL USA and Canada listed / suitable for damp locations

WARRANTY

- 5-Year limited warranty standard. 10-Year limited warranty also available



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



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Revised: 07/06/23



MADE IN THE USA
BAA Compliant

ORDERING INFORMATION

EXAMPLE: GSL320-4-2L-FSW-PA-DRDM-UNV-2/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	DOOR FRAME	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
GSL320			2L					DRDM	UNV		
GSL320 Hinge and Latch Door Frame Grid Shallow LED Luminaire	2 Nom. 2000 Lumens 3 Nom. 3000 Lumens 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 (Only 2000 / 3000 / 4000 / 6000 / 12000 lumens Systems)	2L 2'	FSW Flat Steel White Enamel	PA Clear Prismatic Acrylic PA2 Clear Prismatic Acrylic 0.125 FPA2 Frosted Prismatic Acrylic 0.125 FFA Frosted Flat Acrylic	TP Tamper Proof Screws (Hex Socket with Post) GSKNx Neoprene Gasket *Leave Blank if Not Specified <u>Additional Mechanical Options</u>	BPL1.5 1500lm Emergency Battery Pack WLC(LED RU) EnOcean Wireless Control *Leave Blank if Not Specified <u>Additional Electrical Options</u>	DRDM 0-10V Dimming Driver	UNV 120V-277V	2 Two LED Rows (Only 2000 / 3000 / 4000 / 6000 / 8000 lumens Systems) 4 Four LED Rows (Only 12000 lumens System)	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
Standard options for GSL320 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.											

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)	GSL320-2-2L-FSW-PA-DRDM-UNV-2/840	1756 lm	15.7 W	111.7 lm/W	-20°C / 35°C	2-F27T8, 1-F24T5HO, 1-BX40	*
3000 Lumens (Nominal)	GSL320-3-2L-FSW-PA-DRDM-UNV-2/840 *	2947 lm	25.2 W	116.9 lm/W	-20°C / 35°C	3-F17T8, 1-BX55	*
4000 Lumens (Nominal)	GSL320-4-2L-FSW-PA-DRDM-UNV-2/840 *	3788 lm	33.4 W	113.3 lm/W	-20°C / 35°C	4-F17T8, 2-F24T5HO, 2-BX40	LA-T3333
6000 Lumens (Nominal)	GSL320-6-2L-FSW-PA-DRDM-UNV-2/840	4796 lm	52.3 W	91.7 lm/W	-20°C / 35°C	6-F17T8, 3-F24T5HO, 2-BX55	*
8000 Lumens (Nominal)	GSL320-8-2L-FSW-PA-DRDM-UNV-2/840	6262 lm	50.9 W	123.1 lm/W	-20°C / 35°C	4-F24T5HO, 175 W (MH), 4-BX40	*
12000 Lumens (Nominal)	GSL320-12-2L-FSW-PA-DRDM-UNV-4/840	9591 lm	104.6 W	91.7 lm/W	-20°C / 35°C	6-F24T5HO, 250 W (MH), 4-BX55	*
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)	GSL320-2HE-2L-FSW-PA-DRDM-UNV-2/840	1692 lm	12.0 W	140.5 lm/W	-20°C / 35°C	2-F27T8, 1-F24T5HO, 1-BX40	*
3000 Lumens (Nominal)	GSL320-3HE-2L-FSW-PA-DRDM-UNV-2/840	2526 lm	18.4 W	137.6 lm/W	-20°C / 35°C	3-F17T8, 1-BX55	*
	GSL320-3HE-2L-FSW-FFA-DRDM-UNV-2/840 **	2427 lm	19.5 W	124.7 lm/W	-20°C / 35°C		*
4000 Lumens (Nominal)	GSL320-4HE-2L-FSW-PA-DRDM-UNV-2/840	3331 lm	24.8 W	134.3 lm/W	-20°C / 35°C	4-F17T8, 2-F24T5HO, 2-BX40	*
	GSL320-4HE-2L-FSW-FFA-DRDM-UNV-2/840 **	3169 lm	25.9 W	122.2 lm/W	-20°C / 35°C		LA-T3336
6000 Lumens (Nominal)	GSL320-6HE-2L-FSW-PA-DRDM-UNV-2/840	4855 lm	37.9 W	128.1 lm/W	-20°C / 35°C	6-F17T8, 3-F24T5HO, 2-BX55	*
12000 Lumens (Nominal)	GSL320-12HE-2L-FSW-PA-DRDM-UNV-4/840	9709 lm	75.8 W	128.1 lm/W	-20°C / 35°C	6-F24T5HO, 250 W (MH), 4-BX55	*



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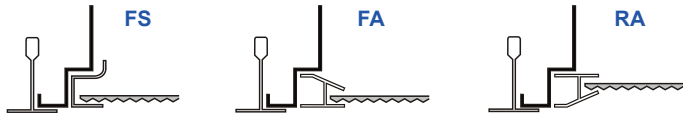
OPTICAL OPTIONS

STANDARD LENSES FOR GSL320

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
FFA	Flat Frosted Acrylic
FPA2	Frosted Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base

DOOR FRAME

CROSS SECTION



FS **W**

FINISHES
W White Enamel
B Black Enamel
N Natural Anodized Aluminum
 (Only FA / RA / R2 styles)

STYLES
FS Flat Steel
FA Flat Extruded Aluminum
RA 5/8" Regressed Extruded Aluminum

GASKET

GSK N 1

GASKET

MATERIAL TYPE
N Neoprene
 Leave Blank for Polyurethane

LOCATION
1 One-Way
2 Two-Way
3 Three-Way

	1 - WAY	2 - WAY	3 - WAY
T-BAR			
	Only with FS / FA / RA style door frames.	Only with FS style door frame.	Only with FS style door frame.



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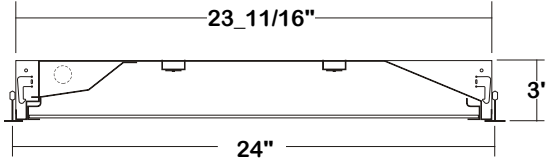
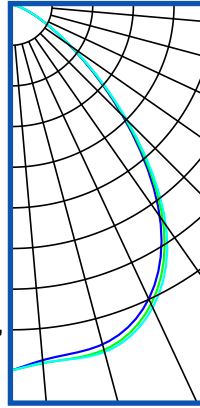
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PHOTOMETRIC DATA - GSL320 - 2X2

GSL320-4-2L-FSW-PA-DRDM-UNV-2/840

TEST NO. = LA-T3324
 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	1807	1807	1807
5	1763	1778	1776
15	1738	1766	1777
25	1604	1632	1651
35	1278	1305	1330
45	777	795	809
55	352	359	363
65	131	131	135
75	36.78	38.24	38.92
85	5.13	5.15	4.80
90	0.16	0.21	0.14
95	0	0	0
105	0	0	0
115	0	0	0
125	0	0	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	1423	33.22	42.43
0-40	2243	52.35	66.86
0-60	3179	74.21	94.76
0-90	3355	78.31	100.00
90-120	0.05	0.00	0.00
90-150	0.05	0.00	0.00
90-180	0.05	0.00	0.00
0-180	3355	78.31	100

Luminaire Output = 3354.6 lm
 Luminaire Efficacy = 101.4 lm/W

SPACING CRITERION

ALONG	ACROSS
1.23	1.19

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