



RECESSED LED

GCT620 (2X2) SERIES (2X4 AVAILABLE)

GRID DESIGN CONCEALED T-BAR LUMINAIRE

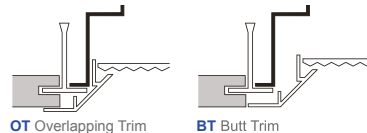
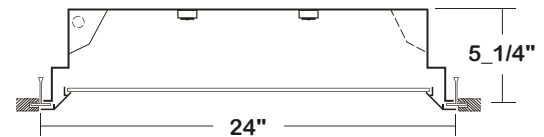
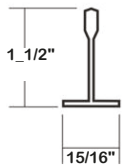


DATE	
JOB	

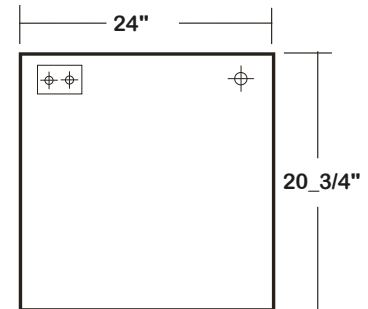
WWW.LALIGHTING.COM
626-454-8300

RECESSED MOUNTED LED LUMINAIRE FOR INVERTED T-BAR CEILINGS

DIMENSIONS



ACCESS PLATE
7/8" K.O.



APPLICATIONS

- Commercial

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
- Butt trim or overlapping trim available
- 20 ga. housing available
- Painted after fabrication available
- Tunable white available (2700K-6500K)

SPECIFICATIONS

CONSTRUCTION

- 22 ga. cold rolled steel housing
- 1 1/4" deep regressed extruded aluminum door frame secured to fixture by 4 torsion springs

FINISH

- Baked white polyester finish / minimum reflectance 86%

OPTICAL

- Clear prismatic acrylic lens

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) $\leq 20\%$

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



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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Revised: 06/29/23



MADE IN THE USA
BAA Compliant

ORDERING INFORMATION

EXAMPLE: GCT620-4-2L-BTW-PA-BPL1.5-DRDM-UNV-2/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	DOOR FRAME	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
GCT620			2L					DRDM	UNV	2	
GCT620 Grid Concealed T-Bar LED Luminaire	2 Nom. 2000 Lumens 3 Nom. 3000 Lumens 4 Nom. 4000 Lumens 6 Nom. 6000 Lumens *Additional Lumen Packages Available	(Blank) Standard HE High Efficacy	2L 2X2	BTW Butt Trim White Enamel OTW Overlapping Trim White Enamel	PA Clear Prismatic Acrylic FPA2 Frosted Prismatic Acrylic 0.125 PA2 Clear Prismatic Acrylic 0.125	20G 20 ga. Housing PAF Painted After Fabrication *Leave Blank if Not Specified	BPL1.5 1500lm Emergency Battery Pack WLC(XXXXX) Wireless Control *Leave Blank if Not Specified <u>Additional Electrical Options</u>	DRDM 0-10V Dimming Driver	UNV 120V-277V	2 Two LED Rows	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 GCT620 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 / HID / CFL EQUIVALENT	IES FILES
2000 Lumens (Nominal)	GCT620-2-2L-BTW-PA-DRDM-UNV-2/840	1676 lm	15.4 W	109.1 lm/W	-20°C / 35°C	2-F17T8, 1-F24T5HO, 1-BX40	*
3000 Lumens (Nominal)	GCT620-3-2L-BTW-PA-DRDM-UNV-2/840	2457 lm	23.0 W	107.0 lm/W	-20°C / 35°C	3-F17T8, 1-BX55	LA-T3436
4000 Lumens (Nominal)	GCT620-4-2L-BTW-PA-DRDM-UNV-2/840	3201 lm	32.6 W	98.3 lm/W	-20°C / 35°C	4-F17T8, 2-F24T5HO, 2-BX40	*
6000 Lumens (Nominal)	GCT620-6-2L-BTW-PA-DRDM-UNV-2/840	4576 lm	51.1 W	89.5 lm/W	-20°C / 35°C	6-F17T8, 2-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)	GCT620-2HE-2L-BTW-PA-DRDM-UNV-2/840	1681 lm	12.3 W	137.0 lm/W	-20°C / 35°C	2-F17T8, 1-F24T5HO, 1-BX40	*
3000 Lumens (Nominal)	GCT620-3HE-2L-BTW-PA-DRDM-UNV-2/840	2345 lm	17.4 W	134.6 lm/W	-20°C / 35°C	3-F17T8, 1-BX55	*
4000 Lumens (Nominal)	GCT620-4HE-2L-BTW-PA-DRDM-UNV-2/840	2989 lm	22.7 W	131.9 lm/W	-20°C / 35°C	4-F17T8, 2-F24T5HO, 2-BX40	*
6000 Lumens (Nominal)	GCT620-6HE-2L-BTW-PA-DRDM-UNV-2/840	4515 lm	36.0 W	125.6 lm/W	-20°C / 35°C	6-F17T8, 2-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.



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Revised: 06/29/23



OPTICAL OPTIONS

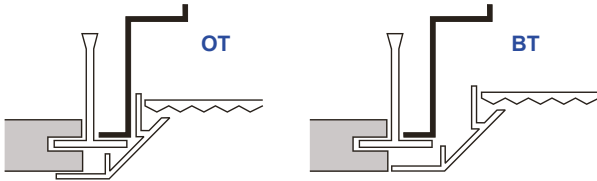
STANDARD LENSES FOR GCT620

PA	Clear Prismatic Acrylic, No Thickness Specified, Female Prisms 3/16 Square Base
FPA2	Frosted Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base
PA2	Clear Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base

DOOR FRAME

CROSS SECTION

• 1_1/4" regressed extruded aluminum door frame



BT W

FINISHES

- W** White Enamel
- B** Black Enamel
- N** Natural Anodized Aluminum

STYLES

- BT** Butt Trim
- OT** Overlapping Trim



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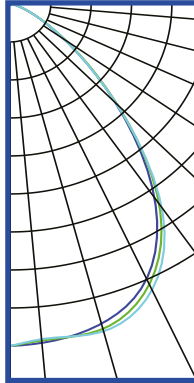
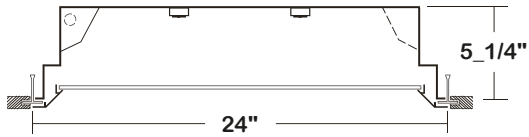


MADE IN THE USA
BAA Compliant

PHOTOMETRIC DATA - GCT620 SERIES - 2'

GCT620-3-2L-BTW-PA-DRDM-UNV-2/840

TEST NO. = LA-T3436
 LED TYPE = 48 LED MODULE
 NO. OF MODULE = 2
 SYSTEM WATT (W) = 23.0
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE = C



CANDLEPOWER

ANGLE	END	45	CROSS
0	1381	1381	1381
5	1342	1341	1332
15	1324	1338	1347
25	1203	1235	1255
35	936	968	985
45	557	563	563
55	247	252	250
65	87	89	88
75	23	24	24
85	3	3	2
90	0	0	0
95	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	1077	33	44
0-40	1683	51	69
0-60	2343	71	95
0-90	2457	75	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	2457	75	100

Luminaire Output= 2457.1 lumens
 Luminaire Efficacy = 106.8 lm/W
 Luminaire Efficiency = 74.73%

SPACING CRITERION

ALONG	ACROSS
1.15	1.19

