



# RECESSED LED

## GCT620 (2X4) SERIES (2X2 AVAILABLE)

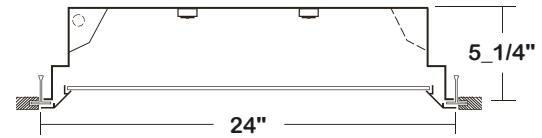
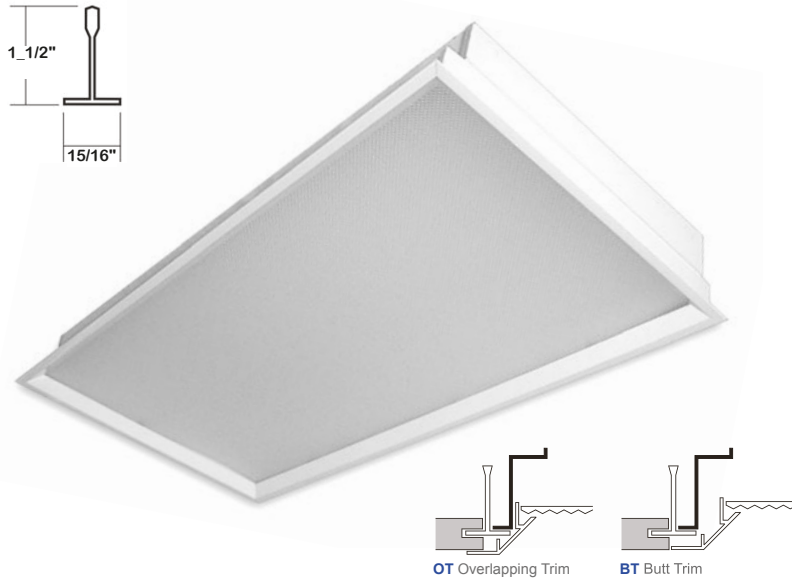
GRID DESIGN CONCEALED T-BAR LUMINAIRE

DATE	
JOB	

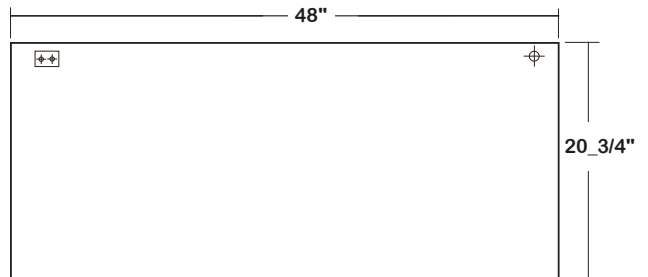
WWW.LALIGHTING.COM  
626-454-8300

### 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) ≤ 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  
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Revised: 06/30/23



**ORDERING INFORMATION**

**EXAMPLE:** GCT620-4-4L-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
<b>GCT620</b>			<b>4L</b>					<b>DRDM</b>	<b>UNV</b>	<b>2</b>	
<b>GCT620</b> Grid Concealed T-Bar LED Luminaire	2 Nom. 2000 Lumens 4 Nom. 4000 Lumens 6 Nom. 6000 Lumens 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens  <i>*Additional Lumen Packages Available</i>	(Blank) Standard  <b>HE</b> High Efficacy	<b>4L</b> 2X4	<b>BTW</b> Butt Trim White Enamel  <b>OTW</b> Overlapping Trim White Enamel	<b>PA</b> Clear Prismatic Acrylic  <b>FPA2</b> Frosted Prismatic Acrylic 0.125  <b>PA2</b> Clear Prismatic Acrylic 0.125	<b>20G</b> 20 ga. Housing  <b>PAF</b> Painted After Fabrication  *Leave Blank if Not Specified	<b>BPL1.5</b> 1500lm Emergency Battery Pack  <b>WLC(XXXXX)</b> Wireless Control  *Leave Blank if Not Specified  <u>Additional Electrical Options</u>	<b>DRDM</b> 0-10V Dimming Driver	<b>UNV</b> 120V-277V	<b>2</b> Two LED Rows	<b>830</b> 80+CRI / 3000K Color Temp.  <b>835</b> 80+CRI / 3500K Color Temp.  <b>840</b> 80+CRI / 4000K Color Temp.  <b>850</b> 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 <a href="http://www.lalighting.com/resources">www.lalighting.com/resources</a> 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
2000 Lumens (Nominal)	GCT620-2-4L-BTW-PA-DRDM-UNV-2/840	1840 lm	15.2 W	121.1 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	GCT620-4-4L-BTW-PA-DRDM-UNV-2/840	3312 lm	28.5 W	116.2 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	<a href="#">LA-T3365</a>
6000 Lumens (Nominal)	GCT620-6-4L-BTW-PA-DRDM-UNV-2/840	5004 lm	45.7 W	109.5 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	GCT620-8-4L-BTW-PA-DRDM-UNV-2/840	6616 lm	63.6 W	140.0 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
12000 Lumens (Nominal)	GCT620-12-4L-BTW-PA-DRDM-UNV-2/840	9829 lm	104.6 W	93.9 lm/W	-20°C / 35°C	6-F32T8, 3-F54T5HO	*

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)	GCT620-2HE-4L-BTW-PA-DRDM-UNV-2/840	1773 lm	12.3 W	144.1 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	GCT620-4HE-4L-BTW-PA-DRDM-UNV-2/840	3249 lm	22.5 W	144.3 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	GCT620-6HE-4L-BTW-PA-DRDM-UNV-2/840	5037 lm	35.7 W	141.3 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	GCT620-8HE-4L-BTW-PA-DRDM-UNV-2/840	6420 lm	46.4 W	138.4 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
12000 Lumens (Nominal)	GCT620-12HE-4L-BTW-PA-DRDM-UNV-2/840	9698 lm	73.6 W	131.8 lm/W	-20°C / 35°C	6-F32T8, 3-F54T5HO	*

**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: 06/30/23



MADE IN THE USA  
BAA Compliant

**OPTICAL OPTIONS**

**STANDARD LENSES FOR GCT620**

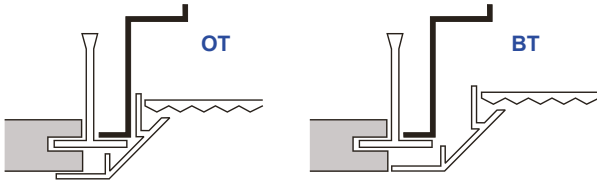
<b>PA</b>	Clear Prismatic Acrylic, No Thickness Specified, Female Prisms 3/16 Square Base
<b>FPA2</b>	Frosted Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base
<b>PA2</b>	Clear Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base

[CLICK HERE FOR FULL OPTICAL OPTIONS LIST](#)

**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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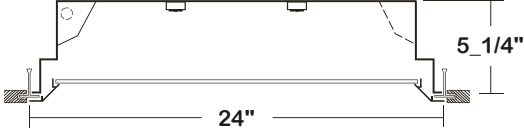
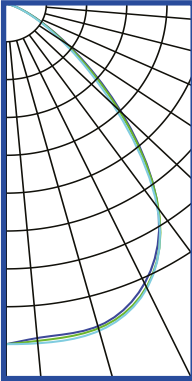


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**PHOTOMETRIC DATA - GCT620 SERIES - 4'**

**GCT620-4-4L-BTW-PA-DRDM-UNV-2/840**

TEST NO. = LA-T3365  
 LED TYPE = 48 LED MODULE  
 NO. OF MODULE = 4  
 SYSTEM WATT (W) = 28.5  
 CRI ≥ 80  
 L70(Hrs.) ≥ 50,000  
 PHOTOMETRY TYPE = C



**CANDLEPOWER**

ANGLE	END	45	CROSS
0	1768	1768	1768
5	1773	1764	1738
15	1748	1749	1751
25	1615	1628	1640
35	1311	1305	1300
45	807	778	737
55	363	350	331
65	131	126	120
75	36	33	31
85	4	4	3
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	1417	34	43
0-40	2237	54	68
0-60	3150	76	95
0-90	3313	80	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	3313	80	100

Luminaire Output= 3312.9 lumens  
 Luminaire Efficacy = 116.2 lm/W  
 Luminaire Efficiency = 80.3%

**SPACING CRITERION**

ALONG	ACROSS
1.21	1.21

