



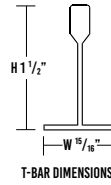
# CLEANROOM LED GCR710

® 12" WIDE RECESSED LUMINAIRE FOR 1" AND 1½" WIDE X 1 ½" TALL T-BAR GRIDS

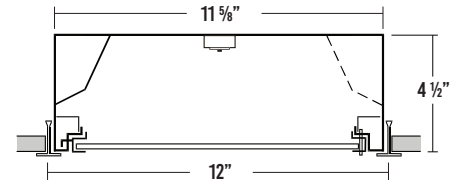
JOB	
TYPE	
DATE	

LALIGHTING.COM 626-454-8300

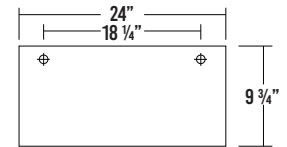
## DIMENSIONS



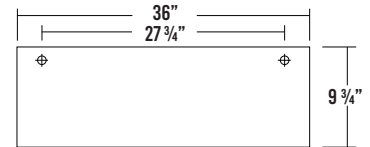
± 7/8" K.O.



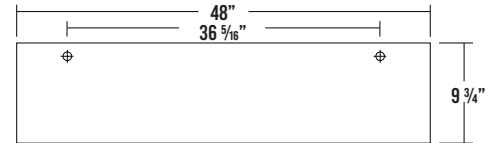
1' X 2' BACK PLATE



1' X 3' BACK PLATE



1' X 4' BACK PLATE



## SPECIFICATIONS

### CONSTRUCTION

- 22 gauge cold-rolled steel welded housing
- 20 gauge cold-rolled steel door frame secured by T-hinges and positive spring loaded latches
- Door frame sealed with neoprene gasket

### FINISH

- Baked white powder-coated finish
- Painted after fabrication
- Minimum reflectance 90%

### OPTICAL

- Inverted clear prismatic acrylic lens (nominal 0.125) standard

### ELECTRICAL

- High-efficiency drivers coupled with long-life LEDs
- Service life tested at 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

## APPLICATIONS

- Cleanroom, Sealed Ceiling Areas

## FEATURES

- 0-10V Dimming driver standard
- Supports California Title 24 compliance
- Class 1,000/10,000 / ISO Class 6 equivalent / ISO Class 7 equivalent

## OPTIONS CONTACT CUSTOMER SERVICE FOR ADDITIONAL OPTIONS

- Wireless controls
- Lens and door frames
- Antimicrobial finished housing
- Tamper proof screws
- Emergency battery packs
- Tunable white (2700K-6500K)
- 20 gauge housing
- Customization available upon request



Los Angeles Lighting Mfg. Co.  
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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: 08/08/22



MADE IN THE USA  
BAA Compliant

GCR710 1' WIDE RECESSED CLEANROOM LED LUMINAIRE FOR STANDARD T-BAR GRIDS (CLASS 1000/10000)

ORDERING INFORMATION

ADDITIONAL OPTIONS AVAILABLE. VISIT [WWW.LALIGHTING.COM/RESOURCES](http://WWW.LALIGHTING.COM/RESOURCES) FOR MORE INFORMATION

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	FINISH	DOOR FRAME	DOOR COLOR	OPTICAL	MECHANICAL	CONTROLS	ELECTRICAL	DRIVER	VOLT.	# OF LED ROW	CRI / CCT
<b>GCR710</b>				<b>FS</b>						<b>DRDM</b>	<b>UNV</b>		
<b>GCR710</b> • 12" Wide Recessed Cleanroom Luminaire for 1" and 1 1/2" Wide x 1 1/2" Tall T-Bar Grids (Class 1000/10,000)	3 - 3000lm	<b>2L</b> • 1x2	<b>AMF</b> • Anti-microbial Finished Housing and Door Frame  *Leave blank if not specified	<b>FS</b> • Flat Steel	<b>W</b> • White Enamel	<b>PA2</b> • Clear Prismatic Acrylic	<b>TP</b> • Tamper Proof Screws • Hex Socket w/Post	<b>MSH</b> • Motion Sensor High Frequency (Microwave)	<b>BPL1.5</b> • Emergency Battery Pack • 1500 lm  *Leave blank if not specified	<b>DRDM</b> • 0-10V Dimming Driver	<b>UNV</b> • 120V -277V	<b>1</b> • 1 LED Row	<b>830</b> • 80+CRI / 3000K
	4 - 4000lm	<b>3L</b> • 1x3		<b>FA</b> • Flat Extruded Aluminum	<b>B</b> • Black Enamel	<b>FPA2</b> • Frosted Prismatic Acrylic	<b>PH</b> • Phillips Head Screws  *Leave blank if not specified	<b>WLC(xx)</b> • Wireless Control  *Leave blank if not specified			<b>120V</b> • 120 Volt		<b>2</b> • 2 LED Rows
	2 - 2000lm 4 - 4000lm 6 - 6000lm 8 - 8000lm 12 - 12000lm  <b>High Efficacy</b> <b>2HE</b> - 2000lm <b>4HE</b> - 4000lm <b>6HE</b> - 6000lm <b>12HE</b> - 12000lm	<b>4L</b> • 1x4		<b>RA</b> • Regressed Extruded Aluminum  *Leave blank if not specified	<b>N</b> • Natural Anodized Aluminum  *Leave blank if not specified					<b>277V</b> • 277 Volt		<b>840</b> • 80+CRI / 4000K	
										<b>347V</b> • 347 Volt		<b>850</b> • 80+CRI / 5000K	
										<b>480V</b> • 480 Volt		<b>8TW</b> • Tunable White 827 to 865	
<i>Standard options for GCR710 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.</i>													

SYSTEM DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

1x2 LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
3000 Lumens (Nominal)	GCR710-3-2L-FSW-PA2-DRDM-UNV-1/840	2067	22.1 W	93.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	<a href="#">Download</a>
1x3 LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	GCR710-4-3L-FSW-PA2-DRDM-UNV-1/840	2836	25.6 W	110.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	<a href="#">Download</a>
1x4 LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	GCR710-2-4L-FSW-PA2-DRDM-UNV-1/840	1430	13.4 W	106.6 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	GCR710-4-4L-FSW-PA2-DRDM-UNV-1/840	2832	26.7 W	106.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	<a href="#">Download</a>
6000 Lumens (Nominal)	GCR710-6-4L-FSW-PA2-DRDM-UNV-1/840	4412	43.6 W	101.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	<a href="#">Download</a>
8000 Lumens (Nominal)	GCR710-8-4L-FSW-PA2-DRDM-UNV-1/840	5740	51.1 W	112.2 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	GCR710-12-4L-FSW-PA2-DRDM-UNV-2/840	8271	81.9 W	100.9 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	<a href="#">Download</a>
1x4 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)	GCR710-2HE-4L-FSW-PA2-DRDM-UNV-1/840	1559	13.0 W	119.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	GCR710-4HE-4L-FSW-PA2-DRDM-UNV-1/840	2772	23.4 W	118.2 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	GCR710-6HE-4L-FSW-PA2-DRDM-UNV-1/840	4188	38.9 W	107.5 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
12000 Lumens (Nominal)	GCR710-12HE-4L-FSW-PA2-DRDM-UNV-2/840	8088	71.1 W	113.7 lm/W	-20°C / 35°C (-4°F / 95°F)	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.



**Los Angeles Lighting Mfg. Co.**  
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El Monte, CA 91731  
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