



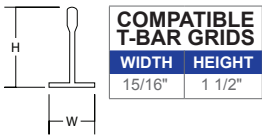
RECESSED GDC310

CENTER LENSED GRID LUMINAIRE

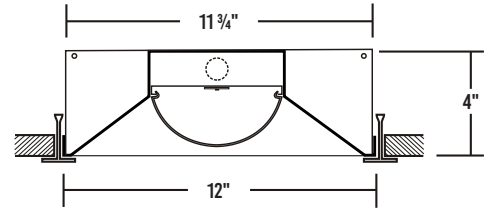


JOB	
TYPE	
DATE	

Commercial / Office / Classroom



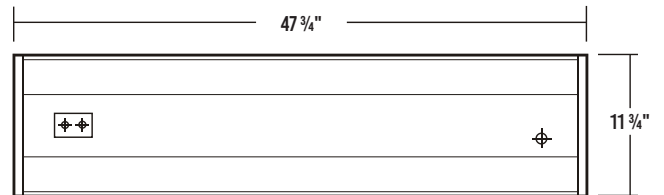
CROSS SECTION



⊕ ⊕ Access Plate

⊕ 7/8" KO

BACKPLATE



SPECIFICATIONS

Construction

- 22 gauge cold-rolled steel housing and reflector

Finish

- High reflectance low gloss matte white finish

Optical

- Frosted acrylic radial lens to maximize lumen output and reduce glare

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) $\leq 20\%$

Listing

- UL USA and Canada listed / suitable for damp locations

Warranty

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

APPLICATIONS

- Commercial, Classrooms, Offices

FEATURES

- 0-10V dimming driver standard (other dimming types available)
- Supports California Title 24 compliance

OPTIONS

- Additional lumen packages and color temperatures
- Sensors and controls
- Wireless control options
- Emergency battery pack
- Tunable white available (2700K-6500K)
- Customization available upon request



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

EXAMPLE: GDC310-4-4L-BPL1.5-DRDM-UNV-1/840							
SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
GDC310		4L		DRDM	UNV	1	
GDC310 • LED Center Lensed 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 • 1' x 4	BPL1.5 • 1500 lm emergency battery pack MS(xx) • Motion Sensor Infrared WLC(AWNR-WH) • Lutron Athena wireless node (RF) WLC(AWNS-WH) • Lutron Athena wireless node w/sensor *Additional Lutron options on page (4) *Leave blank if not specified	DRDM • 0-10V Dimming Driver	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 90CRI Also available
Standard options for GDC310 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.							Contact customer service for additional CRI/CCT packages.

SYSTEM DATA: Additional Lumen Packages Available. Contact Customer Service for More Information

4' Normal Temp	4' - LED LUMEN PACKAGE	PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
	2000 Lumens (Nominal)	GDC310-2-4L-DRDM-UNV-1/840	1857	13.4	138.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
	4000 Lumens (Nominal)	GDC310-4-4L-DRDM-UNV-1/840	3645	26.7	136.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	LA-T3720
	6000 Lumens (Nominal)	GDC310-6-4L-DRDM-UNV-1/840	5677	43.7	130.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	LA-T3719
	8000 Lumens (Nominal)	GDC310-8-4L-DRDM-UNV-1/840	7389	51.1	144.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
	12000 Lumens (Nominal)	GDC310-12-4L-DRDM-UNV-1/840	10735	74.9	143.3 lm/W	-20°C / 35°C (-4°F / 95°F)	5x F32T8	*

4' Normal Temp High Efficacy	4' - LED LUMEN PACKAGE	PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
	2000 Lumens (Nominal)	GDC310-2HE-4L-DRDM-UNV-1/840	2007	13.5	148.2 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
	4000 Lumens (Nominal)	GDC310-4HE-4L-DRDM-UNV-1/840	3569	23.5	152.2 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	GDC310-6HE-4L-DRDM-UNV-1/840	5392	36.4	148.1 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*	

NOTE:
System data as of 8/5/24.
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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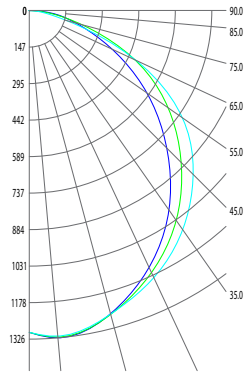
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PHOTOMETRIC DATA



GDC310-4-4L-DRDM-UNV-1/840
 TEST NO. = LA-T3720
 LED ROWS = 1
 SYSTEM WATTS (W) = 26.7
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE = C

ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1026	25.1	28.1
0-40	1674	41.0	45.9
0-60	2949	72.2	80.9
0-90	3644	89.2	100.0
90-120	1	0	0
90-150	1	0	0
90-180	1	0	0
0-180	3645	89.2	100.0

SPACING CRITERION	
ALONG	ACROSS
1.21	1.30

Luminaire Output = 3645 lumens
 Luminaire Efficacy = 136.5 lm/W
 Luminaire Efficiency = 89.20%



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WIRELESS CONTROLS

Vive Systems

Vive PowPak Wireless Fixture Controls

WLC(FCJS0) - PowPak Wireless Fixture Control

- RF only. For use with 0-10V drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.

WLC(FCJS0S) - PowPak Wireless Fixture Control with Sensor

- RF with daylight/occupancy sensing. For use with 0-10V drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.
- Sensor must be installed separately.

WLC(FCJSE) - PowPak EcoSystem Wireless Fixture Control

- RF only. For use with Lutron EcoSystem drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.

WLC(FCJSES) - PowPak EcoSystem Wireless Fixture Control with Sensor

- RF with daylight/occupancy sensing. For use with Lutron EcoSystem drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.
- Sensor must be installed separately.

Vive PowPak Sensors

*FC-SENSOR - PowPak Occupancy/Daylight Sensor

- For luminaires with existing PowPak Wireless Fixture Controls.
- Turns luminaire ON/OFF based on motion. Adjusts lumen output in response to ambient light.
- Recommended mounting height: 8-12ft

*FC-VSENSOR - PowPak Vacancy/Daylight Sensor

- For luminaires with existing PowPak Wireless Fixture Controls.
- Turns luminaire OFF when area is vacant. Adjusts lumen output in response to ambient light.
- Recommended mounting height: 8-12ft.

Vive Integral Fixture Controls

WLC(VRF) - Vive Integral Wireless Fixture Control

- RF only. Requires controls-ready driver.
- One fixture control per luminaire, mounting location varies by luminaire.

WLC(VDO) - Vive Integral Wireless Fixture Control

- RF, plus daylight/occupancy sensing. Requires controls-ready driver.
- One fixture control per luminaire, mounting location varies by luminaire.
- Turns luminaire ON/OFF based on motion. Adjusts lumen output in response to ambient light.
- Coverage area at 9ft mounting height: Up to 300 sq.ft for major motions; 150 sq.ft. for minor motions.

How to Order

Pre-installed components are ordered by adding the part number to the luminaire:

GHL320-4-4L-FSW-PA- [WLC\(FCJS0\)](#) -DRDM-UNV-2/840

Components marked with * are ordered separately

Athena Wireless Nodes

Requires Athena-compatible drivers and Clear Connect Gateway - Type X

WLC(AWNR-WH) - Wireless Node (White)

- RF communication node. One per luminaire, integrally mounted.

WLC(AWNS-WH) - Wireless Node (White) with Sensor

- RF, plus daylight/occupancy sensing. One per luminaire, integrally mounted.

WLC(AWNR-BL) - Wireless Node (Black)

RF communication node. One per luminaire, integrally mounted.

WLC(AWNS-BL) - Wireless Node (Black) with Sensor

- RF, plus daylight/occupancy sensing. One per luminaire, integrally mounted.



WLC(AWNR-WH)
Athena Wireless Node



WLC(FCJS0)
PowPak Wireless Fixture Control



FC-SENSOR
PowPak Occupancy/Daylight Sensor



WLC(VDO)
Vive Integral Wireless Fixture Control

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