RECESSED LED
GDC320
CENTER LENSED GRID LUMINAIRE

LA LIGHTING

JOB	
TYPE	
DATE	

Commercial / Office / Classroom

2' x 2'
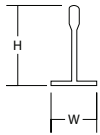
COMPATIBLE T-BAR GRIDS

WIDTH	HEIGHT
15/16"	1 1/2"

2' x 4'

CROSS SECTION

23 ¾"
4"
24"

2' BACKPLATE

23 ¾"
23 ¾"

⊕⊕ Access Plate
⊕ ⅞" KO

4' BACKPLATE

47 ¾"
23 ¾"
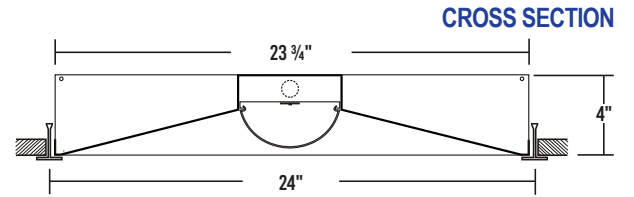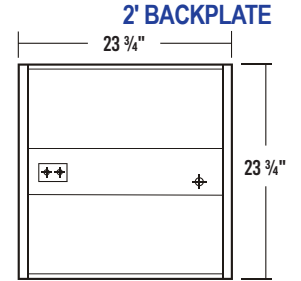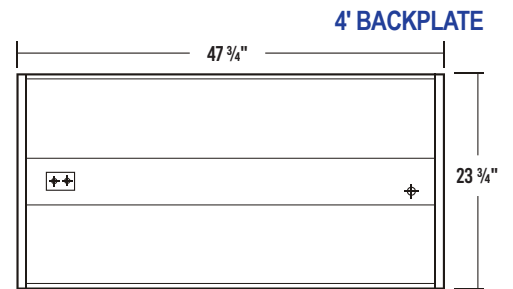
SPECIFICATIONS

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) ≤ 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

MADE IN THE USA
BAA Compliant

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

EXAMPLE: GDC320-4-4L-BPL1.5-DRDM-UNV-1/840

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
GDC320				**DRDM**	**UNV**	**1**	
GDC320 • LED Flanged Center Lensed Luminaire	**2** - 2000 lm **3** - 3000 lm **4** - 4000 lm **6** - 6000 lm **High Efficacy** **2HE** - 2000 lm **3HE** - 3000 lm **4** - 4000 lm **6** - 6000 lm **8** - 8000 lm **10** - 10000 lm **High Efficacy** **4HE** - 4000 lm **6HE** - 6000 lm	**2L** • 2' x 2' **4L** • 2' 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* *Contact customer service for additional CRI/CCT packages.*
Standard options for GDC320 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: Additional Lumen Packages Available. Contact Customer Service for More Information

Normal Temp

2' - LED LUMEN PACKAGE	PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	GDC320-2-2L-DRDM-UNV-1/840	1834	14.1	129.9 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F24T5HO, 2-F17T8	LA-T3722
3000 Lumens (Nominal)	GDC320-3-2L-DRDM-UNV-1/840	2809	22.1	127.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4000 Lumens (Nominal)	GDC320-4-2L-DRDM-UNV-1/840	3717	27.3	136.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F24T5HO, 4-F17T8	LA-T3721
6000 Lumens (Nominal)	GDC320-6-2L-DRDM-UNV-1/840	5402	39.4	137.1 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F24T5HO, 6-F17T8	*

Normal Temp High Efficacy

2' - LED LUMEN PACKAGE	PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	GDC320-2HE-2L-DRDM-UNV-1/840	1796	12.4	145.1 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F24T5HO, 2-F17T8	*
3000 Lumens (Nominal)	GDC320-3HE-2L-DRDM-UNV-1/840	2713	18.7	145.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*

NOTE:
System data as of 7/30/24.
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.

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

Normal Temp

| 4' - LED LUMEN PACKAGE	PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	GDC320-4-4L-DRDM-UNV-1/840	3695	26.7	138.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F54T5HO, 2-F32T8	LA-T3686
6000 Lumens (Nominal)	GDC320-6-4L-DRDM-UNV-1/840	5754	43.7	131.8 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	LA-T3685
8000 Lumens (Nominal)	GDC320-8-4L-DRDM-UNV-1/840	7428	51.1	145.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F32T8	LA-T3734
10000 Lumens (Nominal)	GDC320-10-4L-DRDM-UNV-1/840	9162	61.5	149.0 lm/W	-20°C / 35°C (-4°F / 95°F)	5-F32T8	*

Normal Temp High Efficacy

4' - LED LUMEN PACKAGE	PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	GDC320-4HE-4L-DRDM-UNV-1/840	3617	23.5	154.2 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F54T5HO, 2-F32T8	*
6000 Lumens (Nominal)	GDC320-6HE-4L-DRDM-UNV-1/840	5465	36.4	150.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*

NOTE:
System data as of 7/30/24.
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.

PHOTOMETRIC DATA
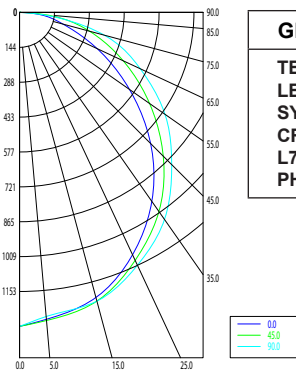
GDC320-4-4L-DRDM-UNV-1/840

TEST NO. = LA-T3686
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	994	24.3	26.9
0-40	1623	39.7	43.9
0-60	2853	69.8	77.2
0-90	3695	90.4	100.0
90-120	1	0	0
90-150	1	0	0
90-180	1	0	0
0-180	3695	90.4	100.0

SPACING CRITERION

ALONG	ACROSS
1.18	1.26

Luminaire Output = 3695 lumens
Luminaire Efficacy = 138.4 lm/W
Luminaire Efficiency = 90.44%

WIRELESS CONTROLS
Vive Systems

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

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.

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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