

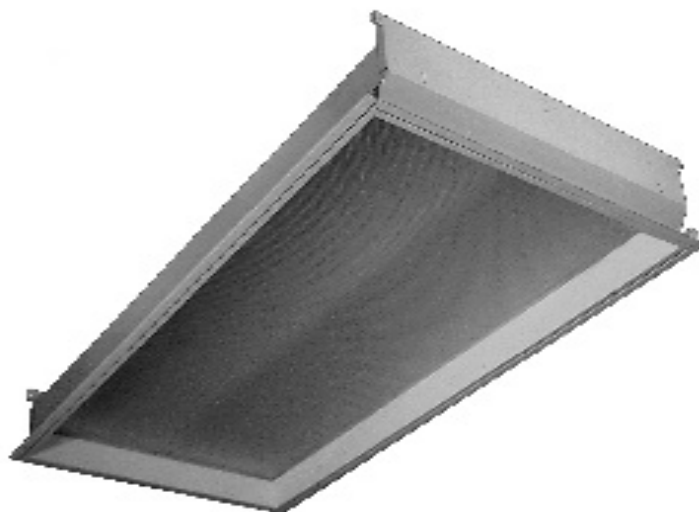


RECESSED

GDH420 SERIES



6" Depth / T-Bar Recessed Mounted



- 2X4, 6" Depth / T-Bar Recessed Mounted Luminaire
- 22 Gauge Cold Rolled Steel Housing
- 2" Deep Regressed Extruded Aluminum Door Frame
- T-Hinge And Spring Loaded Latch
- One Way Polyurethane Gasketed
- Suitable for Damp Locations
- Available with:

Fluorescent, LED and LED T8 (Internally Driven)

Variety of Lens Options

Emergency Battery Pack



Photometric Data and IES Files are Available on www.lalighting.com



LOS ANGELES LIGHTING MFG. CO.

10141 OLNEY ST. / EL MONTE, CA 91731

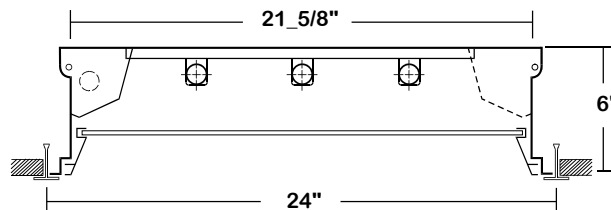
TEL : 626-454-8300 FAX : 626-454-8399

www.lalighting.com



GDH420 SERIES 2x4

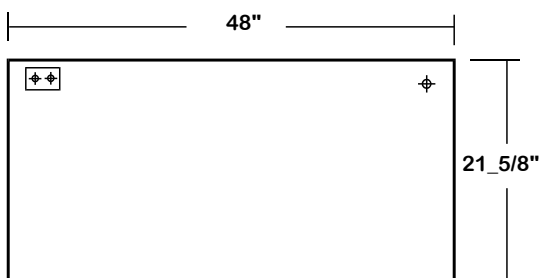
CROSS SECTION



BACK PLATE

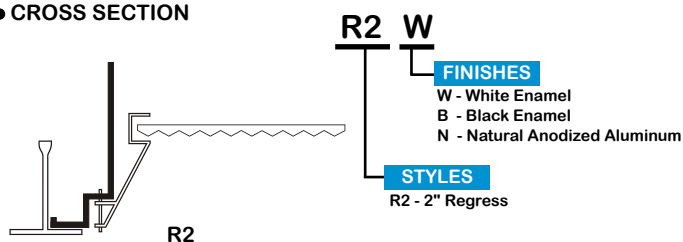
ACCESS PLATE

7/8" K.O.



DOOR FRAME INFORMATION

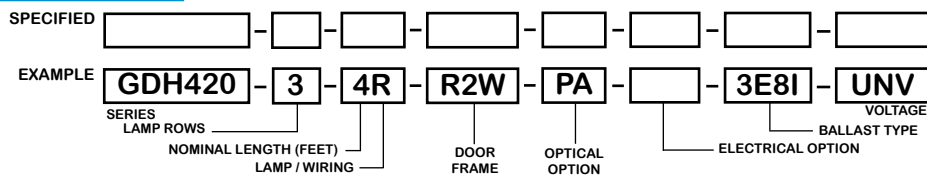
CROSS SECTION



CATALOG NUMBER

	NOMINAL WIDTH X LENGTH	TOTAL LAMPS		NOMINAL WIDTH X LENGTH	TOTAL LAMPS
GDH420-2-4M	2' X 4'	2	GDH420-2-4R	2' X 4'	2
GDH420-3-4M	2' X 4'	3	GDH420-3-4R	2' X 4'	3
GDH420-4-4M	2' X 4'	4	GDH420-4-4R	2' X 4'	4

ORDERING GUIDE



NOTE: LAMP/WIRING*

M = Miniature Bi-Pin T5
R = Medium Bi-Pin T8

OPTIONS AND ACCESSORIES

OPTICAL OPTIONS

- Clear Acrylic
- Clear Prismatic Acrylic
- Flat White Acrylic
- Polycarbonate Lenses
- High Impact Acrylic
- Note: Other lens available upon request

SUFFIX

- CA
- PA
- FWA
- *
- *

ELECTRICAL OPTIONS

- Emergency Battery Pack
- External Line Fusing (HLR/GLR)

SUFFIX

- BP*
- ELF

BALLAST OPTIONS*

- Electronic T5
- Electronic T5HO
- Electronic T8 Instant Start
- Electronic T8 Rapid Start
- Electronic T8HO

SUFFIX

- xE5
- xE5H
- xE8I
- xE8R
- xE8H

x = Number of Lamps per Ballast

*Refer to www.lalighting.com/resources for more information

SPECIFICATIONS

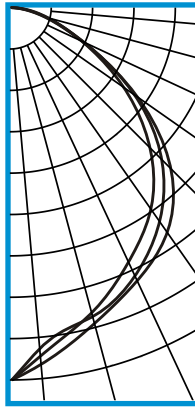
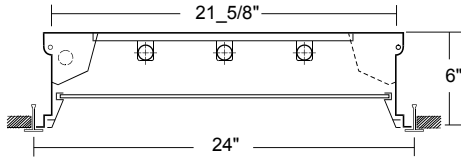
- TYPE** Recessed mounted luminaire available in various lengths and widths. For inverted T-Bar installations.
- CONSTRUCTION** 22 ga. cold rolled steel housing. (20 ga. housing available as specified)
- FINISH** Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)
- DOOR FRAME** Heavy wall 2" deep aluminum extrusion. T-hinge, positive spring loaded latch. Two gussets installed in each corner for maximum strength and true miter alignment.
- OPTICS** Clear prismatic acrylic standard. Extensive variety of lenses, diffusers and louvers available.
- WIRING** 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified.
- LABELS** U.L. Listed. Suitable for damp locations. Compatible with UL Fire-Rated Ceiling Assemblies.



PHOTOMETRIC DATA

GDH420-3-4R-R2W-PA-E8

TEST NO.=LA-T0573
 LAMP TYPE=FO32T8
 NO. OF LAMP=2
 LUMENS PER LAMP=2900
 WATTS PER LAMP=32
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	2544	2544	2544
5	2380	2326	2439
15	2148	2179	2224
25	1904	2010	2048
35	1662	1767	1859
45	1329	1444	1532
55	919	1009	1031
65	510	522	511
75	244	229	215
85	64	50	38
90	0	2	1
95	0	0	0
105	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	1768	20.3	31.1
0-40	2876	33.1	50.7
0-60	4879	56.1	86.0
0-90	5676	65.2	100.0
90-120	0	0.0	0.0
90-150	0	0.0	0.0
90-180	0	0.0	0.0
0-180	5676	65.2	100.0

Lumen Output = 5676 lumens
 Luminaire Efficiency = 65.2%

SPACING CRITERION

ALONG	ACROSS
1.05	1.15

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