



RECESSED

GDH430/440 SERIES



6" Depth / T-Bar Recessed Mounted



- 3X3 / 4X4, 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

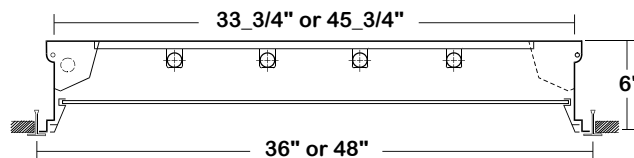
RECESSED - Fluorescent

LED Equivalent Products Available on www.lalighting.com



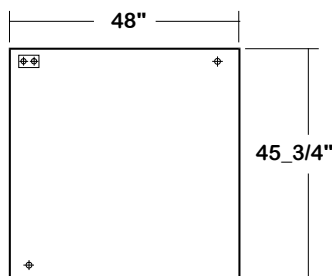
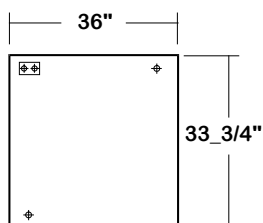
GDH430/440 SERIES
3x3 / 4x4

CROSS SECTION



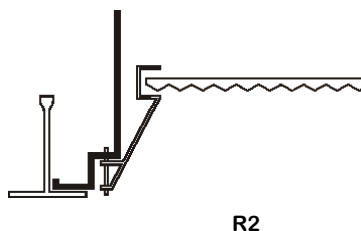
BACK PLATE

- ACCESS PLATE
- 7/8" K.O.



DOOR FRAME INFORMATION

● **CROSS SECTION**



R2 W

FINISHES

- W - White Enamel
- B - Black Enamel
- N - Natural Anodized Aluminum

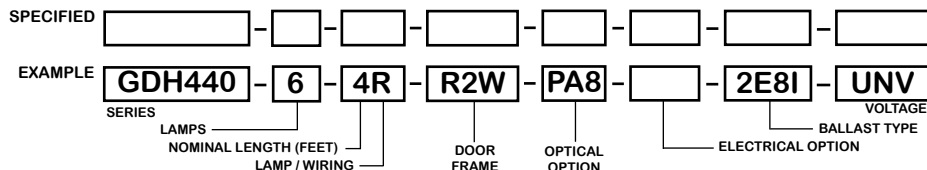
STYLES

R2 - 2" Regress

CATALOG NUMBER

	NOMINAL WIDTH X LENGTH	TOTAL LAMPS		NOMINAL WIDTH X LENGTH	TOTAL LAMPS
GDH430-4-3M	3' X 3'	4	GDH430-4-3R	3' X 3'	4
GDH430-6-3M	3' X 3'	6	GDH430-6-3R	3' X 3'	6
GDH440-4-4M	4' X 4'	4	GDH440-4-4R	4' X 4'	4
GDH440-6-4M	4' X 4'	6	GDH440-6-4R	4' X 4'	6
GDH440-8-4M	4' X 4'	8	GDH440-8-4R	4' X 4'	8

ORDERING GUIDE



NOTE: LAMP/WIRING*
M = Miniature Bi-Pin T5
R = Medium Bi-Pin T8

OPTIONS AND ACCESSORIES

● **OPTICAL OPTIONS**

- Clear Prismatic Acrylic .187
- Clear Acrylic
- Clear Prismatic Acrylic
- Flat White Acrylic
- Polycarbonate Lenses
- High Impact Acrylic

Note: Other lens available upon request

SUFFIX

- PA8
- CA
- PA
- FWA
- *
- *

● **ELECTRICAL OPTIONS**

- Emergency Battery Pack
- External Line Fusing (HLR/GLR)
- Radio Interference Filters
- Night Light

SUFFIX

- BP*
- ELF
- RIF
- NL*

● **BALLAST OPTIONS**

- Electronic T5
- Electronic T5HO
- Electronic Step Dimming T5HO
- Electronic T8
- Electronic Step Dimming T8

SUFFIX

- E5*
- E5H
- ESDM5H
- E8*
- ESDM8*

*See appropriate reference page

SPECIFICATIONS

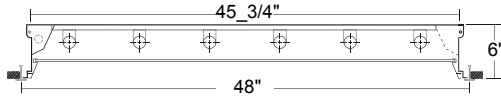
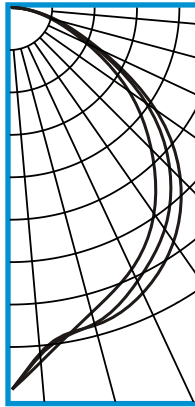
- **TYPE** Recessed mounted luminaire available in various lengths and widths. For inverted Tee-Bar installations.
- **CONSTRUCTION** 22 ga. cold rolled steel housing. (20 ga. housing available as specified)
- **FINISH** Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)
- **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. All 4x4 fixtures are supplied with one-piece pattern 12, .187 clear acrylic lenses 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

GDH440-6-4R-R2W-PA-E8

TEST NO.=LA-T0579
 LAMP TYPE=FO32T8
 NO. OF LAMP=6
 LUMENS PER LAMP=2900
 WATTS PER LAMP=32
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	5145	5145	5145
5	4766	4674	4643
15	4233	4396	4424
25	3861	4041	4219
35	3347	3607	3815
45	2643	2997	3203
55	1893	2181	2336
65	1071	1193	1270
75	504	551	596
85	123	137	128
90	4	3	3
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	3557	20.4	29.9
0-40	5815	33.4	48.9
0-60	10035	57.7	84.3
0-90	11898	68.4	100.0
90-120	1	0.0	0.0
90-150	1	0.0	0.0
90-180	1	0.0	0.0
0-180	11899	68.4	100.0

Lumen Output = 11899 lumens
 Luminaire Efficiency = 68.4%

SPACING CRITERION

ALONG	ACROSS
1.05	1.16

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