



BAYLIGHTER™

GBL229 SERIES

Medium / High Bay Luminaire



- Medium / High Bay Compact Fluorescent Luminaire
- High Impact / Vandal Resistant
- Inverted T-Bar Ceiling Installing
- 40W, 50W, 55W Biax® Lamp
- Full Length Piano Hinge & Captive Screws
- Up To 6 Levels Switching
- Suitable for Damp Locations
- Available with:
 - 95% Enhanced Specular Aluminum Reflectors
 - Variety of Lenses
 - Tamper Proof Screws
 - 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

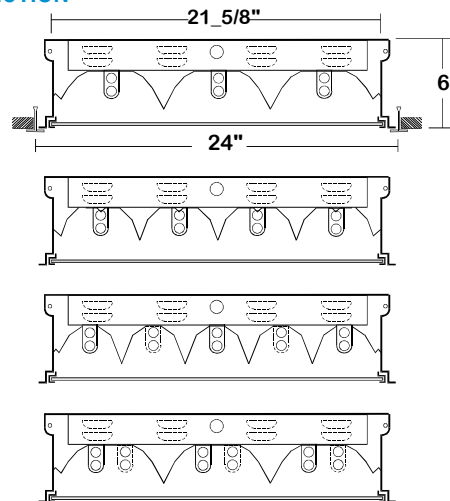
TEL : 626-454-8300 FAX : 626-454-8399

www.lalighting.com



GBL229 SERIES

CROSS SECTION

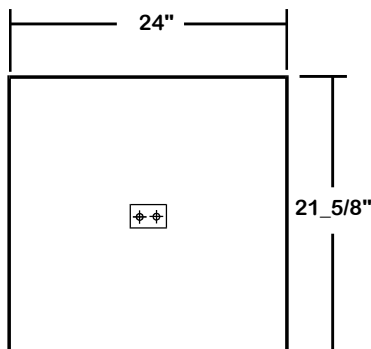


CATALOG NUMBER

CATALOG NUMBER	NOMINAL WIDTH X LENGTH	TOTAL LAMPS
GBL229-3-2B	2' X 2'	3
GBL229-4-2B	2' X 2'	4
GBL229-5-2B	2' X 2'	5
GBL229-6-2B	2' X 2'	6

BACK PLATE

ACCESS PLATE



DOOR FRAME INFORMATION

CROSS SECTION



FS W

FINISHES

W - White Enamel
B - Black Enamel

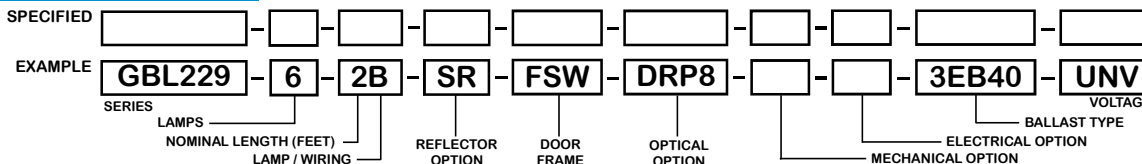
STYLES

FS - Flat Steel

EXPLANATION

1. Continuous Piano Hinge.
2. Two Captive Screws.
3. Welded Inner Frame Lens Retainer Rail.

ORDERING GUIDE



NOTE: LAMP/WIRING*
B= Compact Twin Tube

OPTIONS AND ACCESSORIES

REFLECTOR OPTIONS

- Specular Aluminum Reflector (95%)
- White Aluminum Reflector (90%)

SUFFIX

- SR
- WR

OPTICAL OPTIONS

- Clear Polycarbonate .125
- Clear Prismatic Polycarbonate .125
- High Impact Clear Prismatic Acrylic .125
- High Impact Clear Prismatic Acrylic .187
- * Other Lens Available Upon Request

SUFFIX

- CPC2
- PPC2
- DRP2
- DRP8

MECHANICAL OPTIONS

- Tamper Proof Screws (Hex Socket With Post)

SUFFIX

- TP

ELECTRICAL OPTIONS

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

SUFFIX

- BP*
- ELF
- RIF

BALLAST OPTIONS

- Electronic 40W Compact Twin Tube
- Electronic 50W Compact Twin Tube
- Electronic 55W Compact Twin Tube

SUFFIX

- EB40
- EB50
- EB55

*See appropriate reference page

SPECIFICATIONS

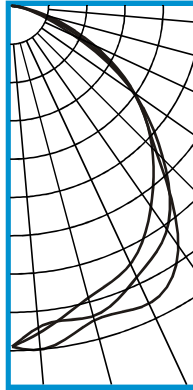
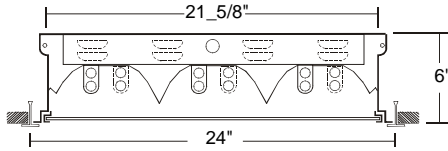
- **TYPE** Recessed mounted, high bay / low bay general area lighter for inverted T-Bar installations. For use in high impact / vandal resistant applications.
- **CONSTRUCTION** 22 gauge cold rolled steel housing with louvered vents on each side for heat removal. (20 GA. housing available as specified.)
- **FINISH** Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)
- **REFLECTOR** Enhanced aluminum reflectors, 95% reflectance.
- **DOOR FRAME** 20 gauge cold rolled steel, continuous piano hinge and 2 captive screws, inner frame lens retainer rail.
- **OPTICS** Available with various high impact acrylic or polycarbonate lenses.
- **WIRING** 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified. Up to 6 levels of switching available as specified.
- **LABELS** U.L. Listed. Compatible with UL Fire-Rated Ceiling Assemblies. Suitable for damp locations.



PHOTOMETRIC DATA

GBL229-6-2B-SR-FSW-CA-EB40

TEST NO.=LA-T0305
 LAMP TYPE=F40BX
 NO. OF LAMP=6
 LUMENS PER LAMP=3150
 WATTS PER LAMP=40
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	5384	5384	5384
5	5175	5084	5448
15	4757	5065	5131
25	4471	4706	5176
35	3837	4284	4580
45	3126	3367	3207
55	2339	2320	2302
65	1386	1238	1029
75	547	398	346
85	66	66	63
90	2	12	11
95	3	11	11
105	1	6	9
115	1	6	8
125	0	3	6
135	0	1	3
145	0	0	1
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	4121	21.8	31.4
0-40	6789	35.9	51.7
0-60	11400	60.3	86.8
0-90	13116	69.4	99.8
90-120	21	0.1	0.2
90-150	25	0.1	0.2
90-180	25	0.1	0.2
0-180	13141	69.5	100.0

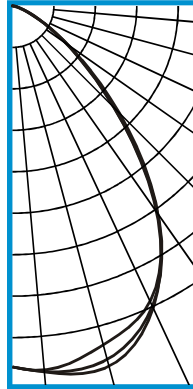
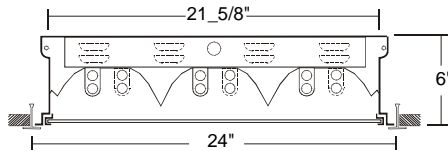
Lumen Output = 13141 lumens
 Luminaire Efficiency = 69.5%

SPACING CRITERION

ALONG	ACROSS
1.15	1.33

GBL229-6-2B-SR-FSW-PA-EB40

TEST NO.=LA-T0306
 LAMP TYPE=F40BX
 NO. OF LAMP=6
 LUMENS PER LAMP=3150
 WATTS PER LAMP=40
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	6195	6195	6195
5	6272	6299	6305
15	6021	6282	6403
25	5594	5683	5720
35	4358	4358	4310
45	2595	2476	2464
55	1180	1149	1126
65	429	401	418
75	118	119	131
85	16	29	47
90	1	12	11
95	0	4	11
105	2	5	7
115	1	6	11
125	0	4	10
135	0	3	7
145	0	1	2
155	0	0	1
165	1	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	4995	26.4	44.3
0-40	7726	40.9	68.5
0-60	10696	56.6	94.8
0-90	11261	59.6	99.8
90-120	17	0.1	0.2
90-150	24	0.1	0.2
90-180	25	0.1	0.2
0-180	11286	59.7	100.0

Lumen Output = 11286 lumens
 Luminaire Efficiency = 59.7%

SPACING CRITERION

ALONG	ACROSS
1.19	1.19

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