

LED T8 - SECURITY

GSE120 SERIES

Recessed T-Bar Security Luminaire



- 2x2/2x4 Recessed T-Bar Security Luminaire For LED T8 Internal Driver Light Tube (by Others)
- For 1" or 1_1/2" T-Bar Ceiling
- 20 Gauge Cold Rolled Steel Housing
- Full Length Piano Hinge & Captive Tamper Proof Screws
- Internal Frame Rail / High Impact Lens
- Welded And Painted After Fabrication

- Available with:
Heavy Duty Safety Switch



LOS ANGELES LIGHTING MFG. CO.

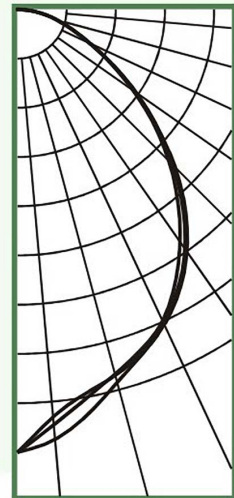
10141 OLNEY ST. / EL MONTE, CA 91731

<http://www.lalighting.com>

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

GSE120-3-4L-PA-LED8

TEST NO.=LA-T1824-4
LAMP TYPE=LED T8, 4'
NO. OF LAMP=3
LUMENS PER LAMP=1300
WATTS PER LAMP=15
BALLAST FACTOR=1
PHOTOMETRY TYPE=C



CANDLEPOWER

Angle	End	45	Cross
0	1342	1342	1342
5	1240	1263	1308
15	1148	1143	1169
25	1041	1044	1054
35	860	886	895
45	649	665	676
55	430	441	432
65	242	241	242
75	126	122	127
85	36	36	38
90	3	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	932	23.9	33.4
0-40	1485	38.1	53.2
0-60	2391	61.3	85.6
0-90	2792	71.6	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	2793	71.6	100.0

Luminaire Efficiency = 71.6%

SPACING CRITERION

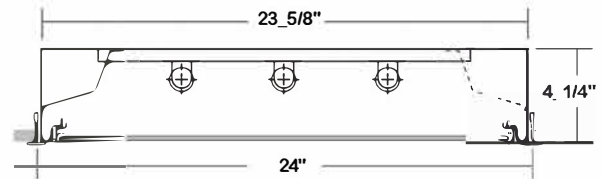
ALONG	ACROSS
1.07	1.09

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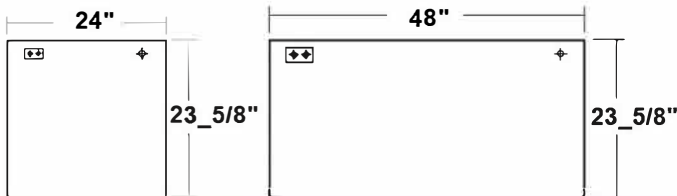
GSE120 SERIES - LED T8

CROSS SECTION



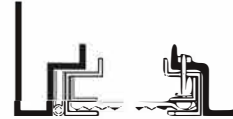
BACK PLATE

7/8" OFFSET K.O. ACCESS PLATE



DOOR FRAME INFORMATION

● CROSS SECTION



● EXPLANATION

1. Continuous Piano Hinge.
2. Two Captive Tamper Proof Screws (Hex Socket With Post).
3. Inner Frame Lens Retainer Rail.

FS W

FINISHES

W - White Enamel
B - Black Enamel

STYLES

FS - Flat Steel

CATALOG NUMBER

	NOMINAL WIDTH X LENGTH	TOTAL LAMPS		NOMINAL WIDTH X LENGTH	TOTAL LAMPS
GSE120-2-2LI	2' X 2'	2	GSE120-2-4LI	2' X 4'	2
GSE120-2-2LR	2' X 2'	2	GSE120-2-4LR	2' X 4'	2
GSE120-2-2LO	2' X 2'	2	GSE120-2-4LO	2' X 4'	2
GSE120-3-2LI	2' X 2'	3	GSE120-3-4LI	2' X 4'	3
GSE120-3-2LR	2' X 2'	3	GSE120-3-4LR	2' X 4'	3
GSE120-3-2LO	2' X 2'	3	GSE120-3-4LO	2' X 4'	3
GSE120-4-2LI	2' X 2'	4	GSE120-4-4LI	2' X 4'	4
GSE120-4-2LR	2' X 2'	4	GSE120-4-4LR	2' X 4'	4
GSE120-4-2LO	2' X 2'	4	GSE120-4-4LO	2' X 4'	4

SAFETY SWITCH

TS2 - LED Luminaire On/Off Safety Switch



- Easily accessible on exterior of wire way.
- Allows individual fixture to be switched ON/OFF during re-lamping or Maintenance.
- Prevents damage to lamp and electrical shock during lamping and re-lamping.
- Allows safe entry to wire way channel where power connector can be disconnected for maintenance to fixture.

ORDERING GUIDE

SPECIFIED															
EXAMPLE	GSE120	-	3	-	4LI	-	FSW	-	DRP8	-	TS2	-	LED8I	-	UNV
	SERIES		LAMP ROWS		NOMINAL LENGTH (FEET) LAMP TYPE / WIRING		DOOR FRAME		OPTICAL OPTION		MECHANICAL OPTION		ELECTRICAL OPTION		LUMINAIRE TYPE VOLTAGE

LAMP TYPE

LI = LED T8 internal driver light tube.

Both ends powered.
Shunted sockets used.



LR = LED T8 internal driver light tube.

Single end powered.
Non-shunted sockets used.



OPTIONS AND ACCESSORIES

● OPTICAL OPTIONS

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

SUFFIX
PPC2
DRP2
DRP8

● MECHANICAL OPTIONS

Gasketing

SUFFIX
GSK

● ELECTRICAL OPTIONS

LED Luminaire ON/OFF Safety Switch

SUFFIX
TS2

*See Appropriate Reference Page

SPECIFICATIONS

** Lamp(s) by others.

● TYPE

T-Bar recessed security luminaire for LED T8 internal driver light tube(s)**. Design for use in public areas where vandalism may be a problem.

● CONSTRUCTION

20 gauge cold rolled steel welded housing.

● FINISH

Baked white powder coated finish, minimum reflectance 90%, painted after fabrication.

● DOOR FRAME

20 gauge cold rolled steel. Full length piano hinge and 2 captive tamper proof screws (hex socket with post). Inner frame lens retainer rail.

● OPTICS

.187 high impact clear prismatic acrylic standard.

● WIRING

Operates LED T8 internal driver light tube(s)**.

● LABELS

U.L. listed. Suitable for damp locations.

