

LED T8 - SECURITY

FSE120 SERIES

2X2/2X4, Trim Flange Security Luminaire



- 2x2/2x4 Trim Flange Security Luminaire For LED T8 Internal Driver Light Tube (by Others)
- 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.

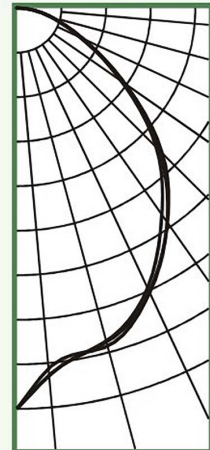
10141 OLNEY ST. / EL MONTE, CA 91731

<http://www.lalighting.com>

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

FSE120-3-4L-PA-LED8

TEST NO.=LA-T1827
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	1353	1353	1353
5	1245	1221	1245
15	1164	1181	1168
25	1043	1057	1060
35	852	884	885
45	664	678	693
55	429	445	442
65	247	245	237
75	125	122	122
85	40	38	36
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

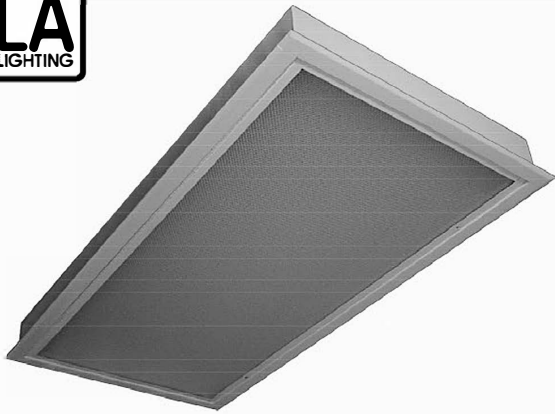
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	939	24.1	33.4
0-40	1489	38.2	52.9
0-60	2410	61.8	85.6
0-90	2813	72.1	100.0
90-120	1	0.0	0.0
90-150	1	0.0	0.0
90-180	1	0.0	0.0
0-180	2813	72.1	100.0

Luminaire Efficiency = 72.1%

SPACING CRITERION

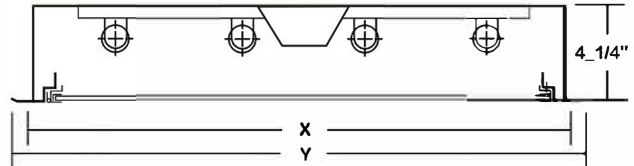
ALONG	ACROSS
1.06	1.09

LED T8 - SECURITY



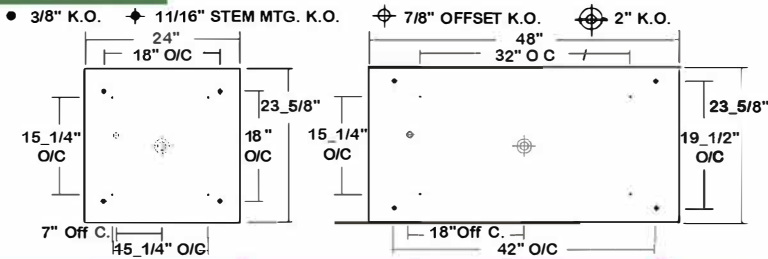
FSE120 SERIES - LED T8

CROSS SECTION



2x2 - Ceiling Opening X - 24_1/2" x 24_1/4"
 Overall Width By Length Y - 26" x 26"
 2x4 - Ceiling Opening X - 24_1/2" x 48_1/4"
 Overall Width By Length Y - 26" x 50"

BACK PLATE



SAFETY SWITCH



TS2 - LED Luminaire On/Off Safety Switch

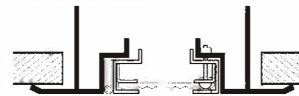
- Easily accessible on exterior of wire way.
- Allows individual fixture to be switched ON/OFF during re-lamping or Maintenance.
- Prevents damage to lamp and electrical shock during lamping and re-lamping.
- Allows safe entry to wire way channel where power connector can be disconnected for maintenance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

CATALOG NUMBER

	NOMINAL LENGTH	TOTAL LAMPS		NOMINAL LENGTH	TOTAL LAMPS
FSE120-2-2LI	2'	2	FSE120-2-4LI	4'	2
FSE120-2-2LR	2'	2	FSE120-2-4LR	4'	2
FSE120-3-2LI	2'	3	FSE120-3-4LI	4'	3
FSE120-3-2LR	2'	3	FSE120-3-4LR	4'	3
FSE120-4-2LI	2'	4	FSE120-4-4LI	4'	4
FSE120-4-2LR	2'	4	FSE120-4-4LR	4'	4

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

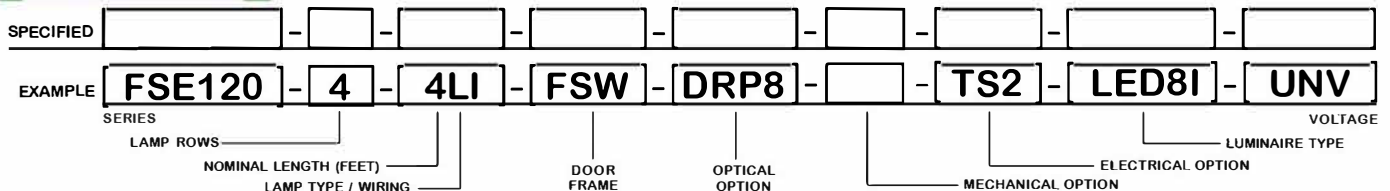
FINISHES

W - White Enamel
 B - Black Enamel

STYLES

FS - Flat Steel

ORDERING GUIDE



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

ACCESSORIES

Hanger Yokes

CAT.NO.
 HS-24 1/2

*See Appropriate Reference Page

SPECIFICATIONS

- **TYPE** Recessed trim flanged 24" wide fixture for LED T8 internal driver light tube (s)**. Design for use in public areas where vandalism is a problem.
- **CONSTRUCTION** Die formed 20 gauge. C.R.S. Spotwelded seams and corners.
- **FINISH** Baked white powder coated finish, minimum reflectance 90%, painted after fabrication.
- **DOOR FRAME** 20 gauge cold rolled steel continuous piano hinge and 2 captive tamper proof screws (hex socket with post). Inner frame lens retainer rail.
- **OPTICS** Available with .187 clear prismatic high impact acrylic or other impact resistant lenses as specified.
- **WIRING** Operates LED T8 internal driver light tube(s)**.
- **LABELS** U.L. Listed. Suitable for damp locations.

** Lamp(s) by others.

