

# LED T8 - SECURITY

## FSE110 SERIES

### Trim Flange Security Luminaire



- 1x4 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.**

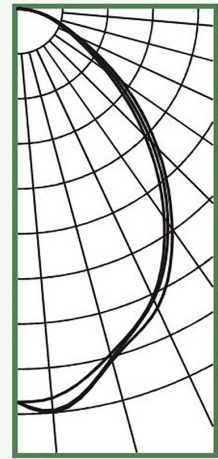
10141 OLNEY ST. / EL MONTE, CA 91731

<http://www.lalighting.com>

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

#### FSE110-2-4L-PA-LED8

TEST NO.=LA-T1826  
LAMP TYPE=LED T8, 4'  
NO. OF LAMP=2  
LUMENS PER LAMP=1300  
WATTS PER LAMP=15  
BALLAST FACTOR=1  
PHOTOMETRY TYPE=C



#### CANDLEPOWER

Angle	End	45	Cross
0	811	811	811
5	835	831	805
15	751	746	737
25	680	661	657
35	554	539	525
45	407	390	370
55	261	241	221
65	136	132	120
75	72	68	64
85	19	20	19
90	1	2	2
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

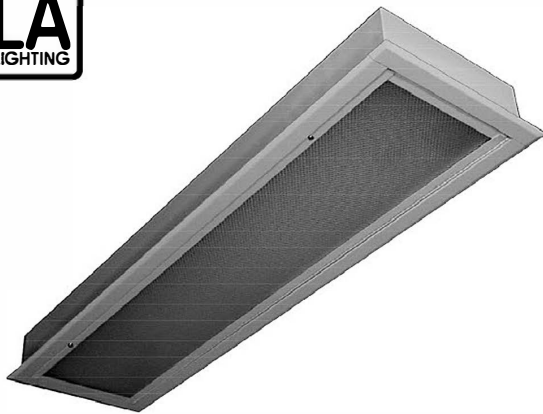
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	598	23.0	35.8
0-40	936	36.0	56.0
0-60	1454	55.9	87.0
0-90	1671	64.3	100.0
90-120	0	0.0	0.0
90-150	0	0.0	0.0
90-180	0	0.0	0.0
0-180	1672	64.3	100.0

Luminaire Efficiency = 64.3%

#### SPACING CRITERION

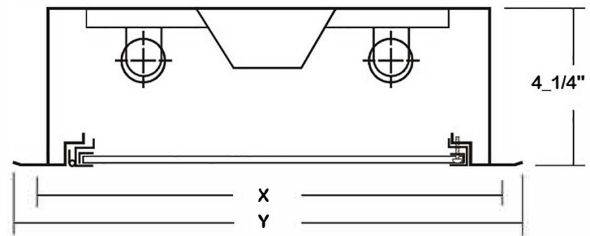
ALONG	ACROSS
1.14	1.10

**LED T8 - SECURITY**



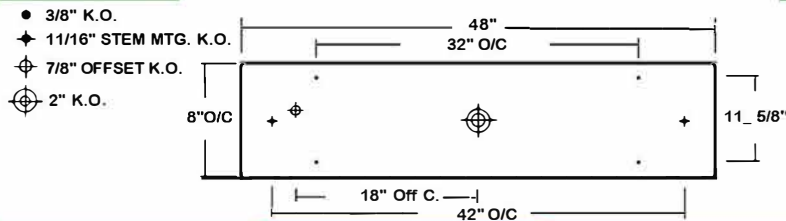
**FSE110 SERIES - LED T8**

**CROSS SECTION**



Ceiling Opening X - 12\_1/2" x 48\_1/4"  
Overall Width By Length Y - 13\_5/8" x 50"

**BACK PLATE**



**SAFETY SWITCH**



**TS2 - LED Luminaire On/Off Safety Switch**

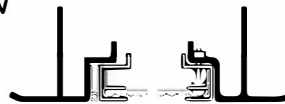
- Easily accessible on exterior of wire way.
- Allows individual fixture to be switched ON/OFF during re-lamping or Maintenance.
- Prevents damage to lamp and electrical shock during lamping and re-lamping.
- Allows safe entry to wire way channel where power connector can be disconnected for maintenance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

**CATALOG NUMBER**

	NOMINAL LENGTH	TOTAL LAMPS
FSE110-2-4LI	4'	2
FSE110-2-4LR	4'	2
FSE110-3-4LI	4'	3
FSE110-3-4LR	4'	3

**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**

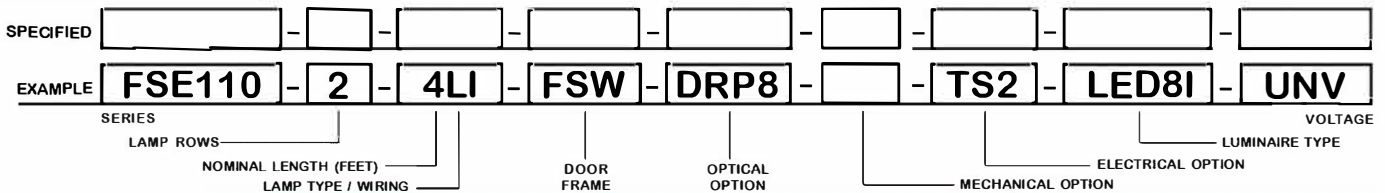
**FINISHES**

- 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-12

\*See Appropriate Reference Page

**SPECIFICATIONS**

\*\* Lamp(s) by others.

- TYPE** Recessed trim flanged 12" 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. Spot welded 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.

