



SECURITY

FSE110 SERIES



1X4, Trim Flange Security Luminaire



- 1X4, Trim Flange Security Luminaire
- Welded and Painted After Fabrication
- Full Length Piano Hinge and Captive Tamper Proof Screws
- Nominal .187 High Impact Clear Prismatic Acrylic Lens
- One Way Polyurethane Gasketed
- Suitable for Damp Locations
- Available with:
 - Fluorescent, LED and LED T8 (Internally Driven)
 - Variety of Lens
 - Low Density
 - 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

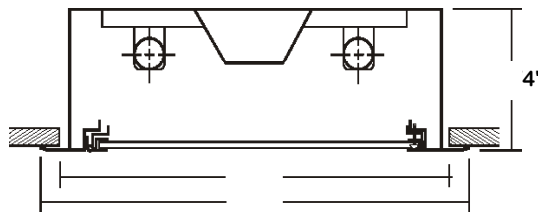
TEL : 626-454-8300 FAX : 626-454-8399

www.lalighting.com



FSE110 SERIES

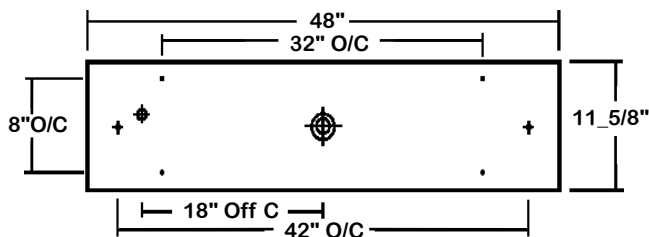
CROSS SECTION



Ceiling Opening X - 12 1/2" x 48 1/4"
 Overall Width By Length Y - 13 5/8" x 50"

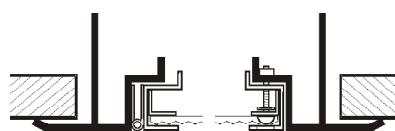
BACK PLATE

- 3/8" K.O.
- 11/16" STEM MTG. K.O.
- 7/8" OFFSET K.O.
- 2" K.O.



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

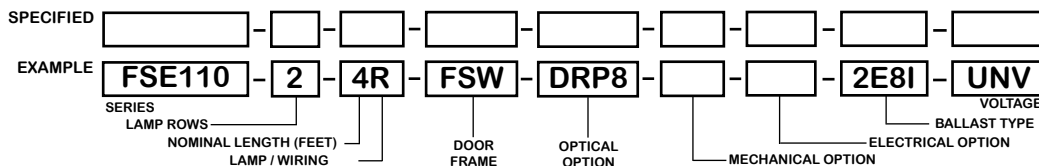
FINISHES
 W - White Enamel
 B - Black Enamel

STYLES
 FS - Flat Steel

CATALOG NUMBER

	NOMINAL WIDTH X LENGTH	TOTAL LAMPS		NOMINAL WIDTH X LENGTH	TOTAL LAMPS
FSE110-1-4M	1' X 4'	1	FSE110-1-4R	1' X 4'	1
FSE110-2-4M	1' X 4'	2	FSE110-2-4R	1' X 4'	2
FSE110-3-4M	1' X 4'	3	FSE110-3-4R	1' X 4'	3

ORDERING GUIDE



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

OPTIONS AND ACCESSORIES

● OPTICAL OPTIONS

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

- SUFFIX
 DRP8
 DRP2
 PPC2

● ELECTRICAL OPTIONS

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

- SUFFIX
 BP*
 ELF

● BALLAST OPTIONS*

- Electronic T5
 - Electronic T5HO
 - Electronic T8 Instant Start
 - Electronic T8 Rapid Start
 - Electronic T8HO
- x = Number of Lamps per Ballast

- SUFFIX
 xE5
 xE5H
 xE8
 xE8R
 xE8H

● MECHANICAL OPTIONS

- Gasketing
- Low Density

- SUFFIX
 GSK*
 LD

● ACCESSORIES

- Hanger Yokes

- CAT. NO.
 HS-12

*Refer to www.lalighting.com/resources for more information

SPECIFICATIONS

- TYPE
- CONSTRUCTION
- FINISH
- DOOR FRAME
- GASKET
- OPTICS
- WIRING
- LABELS

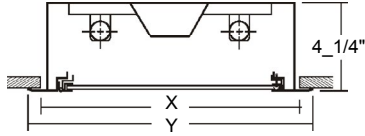
Recessed trim flanged 12" wide security luminaire. Design for use in public areas where vandalism may be a problem.
 20 gauge cold rolled steel welded housing.
 Baked white powder coated finish, minimum reflectance 90%, painted after fabrication.
 20 gauge cold rolled steel. Full length piano hinge and 2 captive tamper proof screws (hex socket with post).
 Inner frame lens retainer rail.
 One way polyurethane gasketed standard. More options available.
 .187 high impact clear prismatic acrylic standard.
 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified.
 U.L. Listed. Suitable for damp locations. Compatible with UL Fire-Rated Ceiling Assemblies.



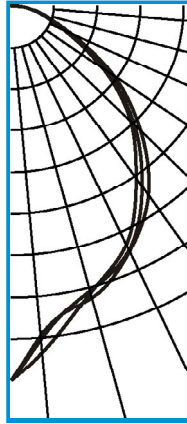
PHOTOMETRIC DATA

FSE110-2-4R-FSW-DRP8-E8

TEST NO.=LA-T0439-2
 LAMP TYPE=FO32T8
 NO. OF LAMP=2
 LUMENS PER LAMP=2900
 WATTS PER LAMP=32
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



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



CANDLEPOWER

ANGLE	END	45	CROSS
0	1576	1576	1576
5	1388	1404	1460
15	1269	1238	1246
25	1136	1131	1105
35	969	922	880
45	737	702	681
55	501	463	447
65	257	248	233
75	126	123	117
85	37	38	34
90	2	4	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	1011	17.4	34.1
0-40	1591	27.4	53.7
0-60	2558	44.1	86.3
0-90	2963	51.1	100.0
90-120	1	0.0	0
90-150	1	0.0	0
90-180	1	0.0	0
0-180	2964	51.1	100.0

Lumen Output = 2964 lumens
 Luminaire Efficiency = 51.1%

SPACING CRITERION

ALONG	ACROSS
1.00	0.97

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