



MINIATURE CROSS SECTION

MXFTB100 SERIES



Miniature Trim Flange Luminaire



- Applicable Where a Obstructed Ceiling Situation Exists
- 36W BIAx® Lamps
- For 2x2 Grid T-Bar Ceiling
- One Piece Welded Trim Flange, Painted After Fabrication
- 3" Overall Height for Shallow Space
- Powder Coated Finish / Painted After Fabrication
- T-Hinge and Spring Loaded Latches
- Available with:
 - Custom Colors
 - Variety of Lenses
 - 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

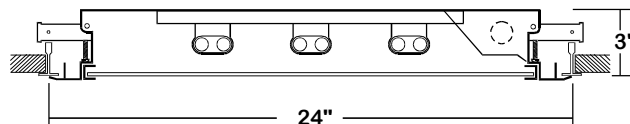
TEL : 626-454-8300 FAX : 626-454-8399

www.lalighting.com



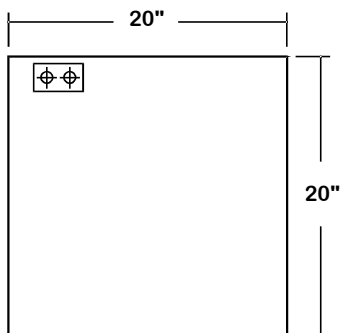
MXFTB100 SERIES

CROSS SECTION



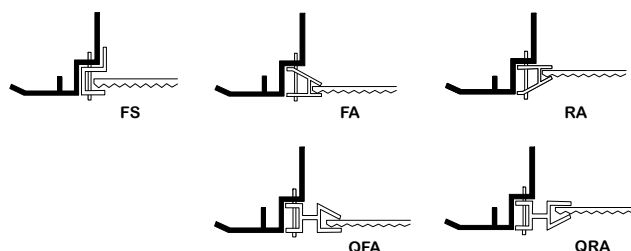
BACK PLATE

Access Plate



DOOR FRAME INFORMATION

CROSS SECTION



FINISHES

- W - White Enamel
- B - Black Enamel
- N - Natural Anodized Aluminum

STYLES

- FS - Flat Steel
- FA - Flat Extruded Aluminum
- RA - 5/8" Regressed Extruded Aluminum
- QFA - Flat Extruded Aluminum-Black Reveal
- QRA - 1/2" Regressed Extruded Aluminum-Black Reveal

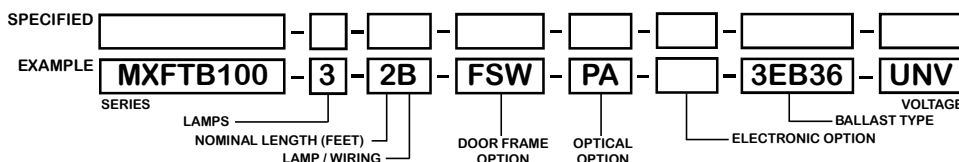
EXAMPLE

FSW - Flat Steel White Enamel Finish

CATALOG NUMBER

	NOMINAL WIDTH X LENGTH	TOTAL LAMPS
MXFTB100-1-2B	2' X 2'	1
MXFTB100-2-2B	2' X 2'	2
MXFTB100-3-2B	2' X 2'	3
MXFTB100-4-2B	2' X 2'	4

ORDERING GUIDE



NOTE: LAMP/WIRING*
B = Compact Twin Tube

OPTIONS AND ACCESSORIES

OPTICAL OPTIONS

- Clear Acrylic
- Clear Prismatic Acrylic
- Flat White Acrylic

* Other Lens Available Upon Request

SUFFIX
CA
PA
FWA

MECHANICAL OPTIONS

- Gasketing

SUFFIX
GSK*

ELECTRICAL OPTIONS

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

SUFFIX
BP*
ELF

BALLAST OPTIONS

- Electronic 36W Compact Twin Tube

SUFFIX
EB36

*See Appropriate Reference Page

SPECIFICATIONS

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

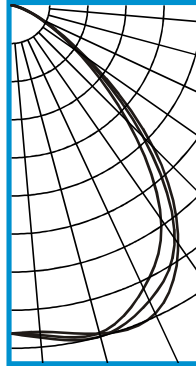
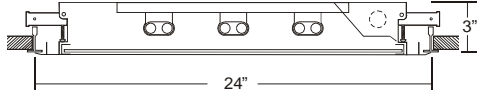
Miniature flanged luminaire for 2 x 2 grid T-bar ceiling installation. Applicable where a obstructed ceiling situation exists.
 22 ga. cold rolled steel welded housing.
 Baked white powder coated finish, minimum reflectance 90% painted after fabrication.
 20 gauge cold rolled steel or extruded aluminum in various finishes . T-hinges and positive spring loaded latches.
 Clear prismatic acrylic lens standard. Extensive variety of lenses and diffusers available.
 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified.
 U.L. Listed. Suitable for damp locations.



PHOTOMETRIC DATA

MXFTB100-3-2B-FSW-PA-EB39

TEST NO.=LA-T2312
 LAMP TYPE=F39BX
 NO. OF LAMP=3
 LUMENS PER LAMP=2850
 WATTS PER LAMP=39
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	2731	2731	2731
5	2754	2776	2729
15	2824	2855	2829
25	2600	2713	2830
35	2170	2366	2419
45	1368	1547	1665
55	661	719	770
65	260	270	291
75	71	82	83
85	10	13	15
90	0	1	1
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	2325	27.2	38.9
0-40	3789	44.3	63.3
0-60	5618	65.7	93.9
0-90	5983	70.0	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	5983	70.0	100.0

Lumen Output = 5983 lumens
 Luminaire Efficiency = 70.0%

SPACING CRITERION

ALONG	ACROSS
1.27	1.36

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