



RECESSED

FHL330/340 SERIES



5" Depth / Premium Grade Trim Flange



- 3X3 / 4X4, 5" Depth / Premium Grade Trim Flange Luminaire
- 22 Gauge Cold Rolled Steel Housing
- One Piece Welded Trim Flange Painted After Fabrication
- 20 Gauge Steel or Extruded Aluminum Door Frame Screwed at Each Corner
- Door Frame Painted After Fabrication with T-Hinges And Spring Loaded Latches
- 2-Piece Lens Standard / 1-Piece Lens Available
- One Way Polyurethane Gasketed
- Suitable for Damp Locations
- Available with:
 - Fluorescent, LED and LED T8 (Internally Driven)
 - 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

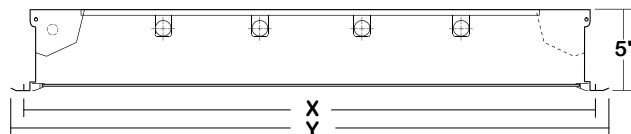
RECESSED - Fluorescent

LED Equivalent Products Available on www.lalighting.com



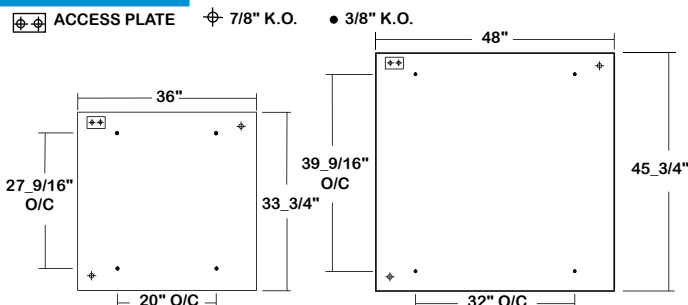
FHL330/340 SERIES
3x3 / 4x4

CROSS SECTION



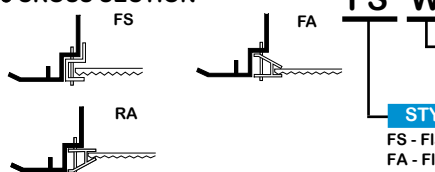
Ceiling Opening 3' X 3' / X - 36_1/2" X 36_1/2"
4' X 4' / X - 48_1/2" X 48_1/2"
Overall Width By Length 3' X 3' / Y - 38" X 38"
4' X 4' / Y - 50" X 50"

BACK PLATE



DOOR FRAME INFORMATION

CROSS SECTION



FINISHES

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

STYLES

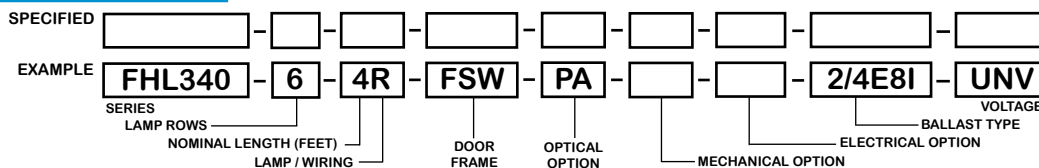
FS - Flat Steel
FA - Flat Extruded Aluminum
RA - 5/8" Regressed Extruded Aluminum
R2 - 2" Regress

CATALOG NUMBER

	NOMINAL WIDTH X LENGTH	TOTAL LAMPS		NOMINAL WIDTH X LENGTH	TOTAL LAMPS
FHL330-4-3M	3' X 3'	4	FHL330-4-3R	3' X 3'	4
FHL330-6-3M*	3' X 3'	6	FHL330-6-3R	3' X 3'	6
FHL340-4-4M	4' X 4'	4	FHL340-4-4R	4' X 4'	4
FHL340-6-4M*	4' X 4'	6	FHL340-6-4R	4' X 4'	6
FHL340-8-4M*	4' X 4'	8	FHL340-8-4R	4' X 4'	8

Note: * Not For Installed In A Close Box Ceiling Structure.

ORDERING GUIDE



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

OPTIONS AND ACCESSORIES

OPTICAL OPTIONS

Clear Acrylic
Clear Prismatic Acrylic
Flat Frosted White Acrylic
Polycarbonate Lenses
High Impact Acrylic
Note: Other lens available upon request

SUFFIX

CA
PA
FFWA
*
*

MECHANICAL OPTIONS

Gasketing

ELECTRICAL OPTIONS
Emergency Battery Pack
External Line Fusing (HLR/GLR)

SUFFIX

GSK*

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
xE8I
xE8R
xE8H

ACCESSORIES

Hanger Yokes (3X3)
Hanger Yokes (4X4)
Swing Out Jack

CAT. NO.

HS-36 1/2
HS-48 1/2
SOJ

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

SPECIFICATIONS

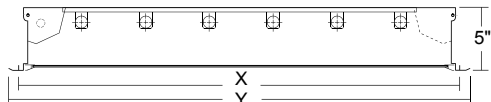
- TYPE** A versatile recessed mounted flanged luminaire.
- CONSTRUCTION** 22 ga. cold rolled steel housing. (20 ga. housing available as specified)
- FINISH** Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)
- DOOR FRAME** 20 gauge cold rolled steel or extruded aluminum in various finishes. T-hinge, positive spring loaded latch.
- GASKET** One way polyurethane gasketed standard. More options available.
- OPTICS** Clear prismatic acrylic standard. Lenses on 3x3, 4x4 fixtures supplied two-piece unless otherwise specified. Extensive variety of lenses, diffusers and louvers available.
- WIRING** 120v 60Hz., 277v 60Hz., UNV (universal voltage 120V thru 277V.) or as otherwise specified.
- LABELS** U.L. Listed. Suitable for damp locations. Compatible with UL Fire-Rated Ceiling Assemblies.



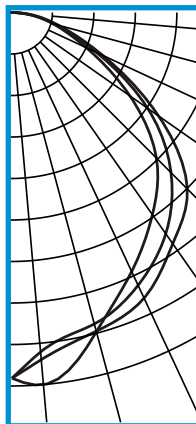
PHOTOMETRIC DATA

FHL340-6-4R-FSW-PA-E8

TEST NO.=LA-T0376-1
 LAMP TYPE=FO32T8
 NO. OF LAMP=6
 LUMENS PER LAMP=2900
 WATTS PER LAMP=32
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



Ceiling Opening
 X - 48_1/2" X 48_1/2"
 Overall Width By Length
 Y - 50" X 50"



CANDLEPOWER

ANGLE	END	45	CROSS
0	4950	4950	4950
5	5056	4601	4709
15	4457	4359	4460
25	3854	4062	4255
35	3323	3640	3805
45	2763	3044	3357
55	1935	2231	2410
65	1094	1245	1337
75	562	603	642
85	168	181	207
90	14	13	13
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	3582	20.6	29.4
0-40	5845	33.6	47.9
0-60	10184	58.5	83.5
0-90	12196	70.1	100.0
90-120	4	0.0	0
90-150	4	0.0	0
90-180	4	0.0	0
0-180	12200	70.1	100.0

Lumen Output = 12200 lumens
 Luminaire Efficiency = 70.1%

SPACING CRITERION

ALONG	ACROSS
1.09	1.21

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