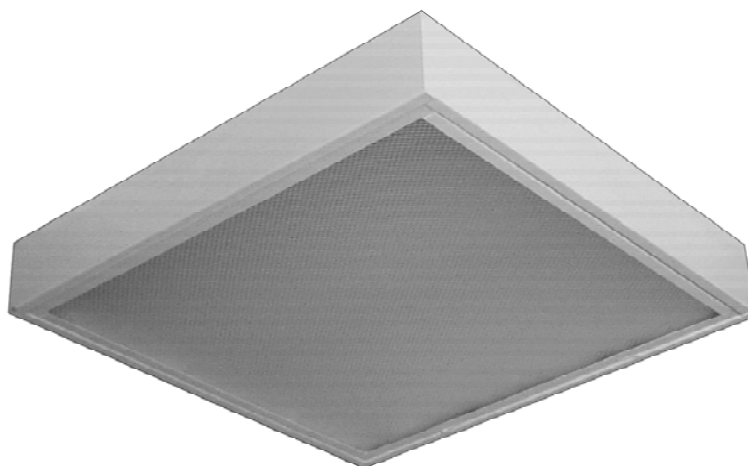




METAL SIDED

MHL330/340 SERIES 3X3 / 4X4, Metal Sided Luminaire



- 3X3 / 4X4, Metal Sided Surface Mounted Luminaire
- Powder Coated Finish / Painted After Fabrication
- Door Frame Screwed at End Corner
- T-Hinges And Spring Loaded Latches
- One Way Polyurethane Gasketed
- Suitable for Damp Locations
- Available with:
 - Fluorescent, LED and LED T8 (Internally Driven)
 - Variety of Lenses
 - Tamper Proof Screws
 - Emergency Battery Pack



Photometric Data and IES Files are Available on www.lalighting.com



LOS ANGELES LIGHTING MFG. CO.

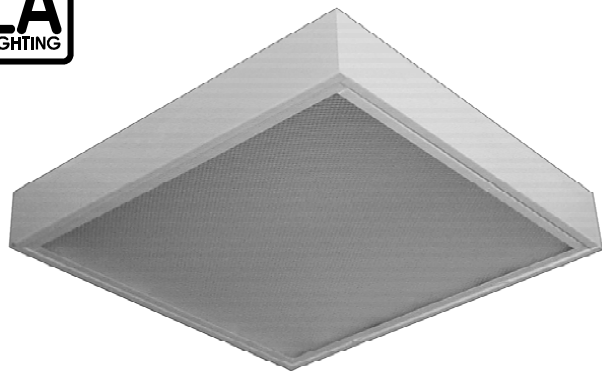
10141 OLNEY ST. / EL MONTE, CA 91731

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

www.lalighting.com

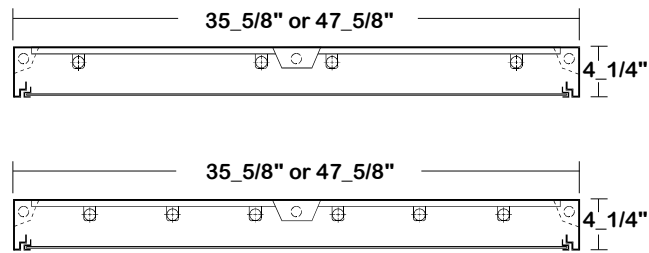
METAL SIDED - Fluorescent

LED Equivalent Products Available on www.lalighting.com



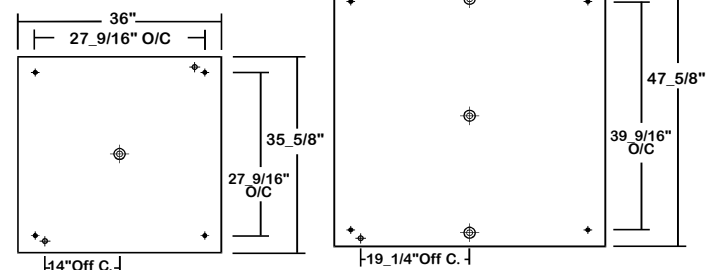
**MHL330/340 SERIES
3x3 / 4x4**

CROSS SECTION



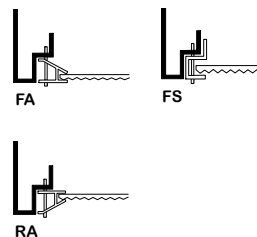
BACK PLATE

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



DOOR FRAME INFORMATION

• **CROSS SECTION**



FS W

FINISHES

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

STYLES

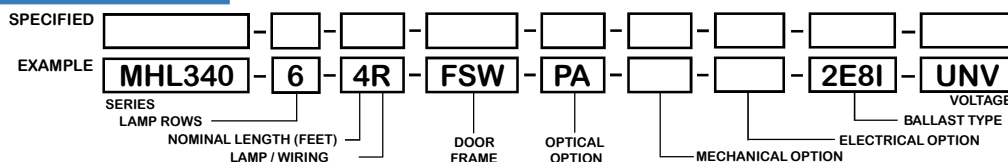
- FS - Flat Steel
- FA - Flat Extruded Aluminum
- RA - 5/8" Regressed Extruded Aluminum

CATALOG NUMBER

	NOMINAL WIDTH X LENGTH	TOTAL LAMPS		NOMINAL WIDTH X LENGTH	TOTAL LAMPS
MHL330-4-3M	3' X 3'	4	MHL330-4-3R	3' X 3'	4
MHL330-6-3M*	3' X 3'	6	MHL330-6-3R	3' X 3'	6
MHL340-4-4M	4' X 4'	4	MHL340-4-4R	4' X 4'	4
MHL340-6-4M*	4' X 4'	6	MHL340-6-4R	4' X 4'	6
MHL340-8-4M*	4' X 4'	8	MHL340-8-4R	4' X 4'	8

Note: * 1 1/2" Ceiling Spacers Are Required When Using T5HO Lamps.

ORDERING GUIDE



NOTE: LAMP/WIRING*

- M= Miniature Bi-Pin T5
- R = Medium Bi-Pin T8
- MT= Miniature Bi-Pin T5, Tandem Wiring
- RT = Medium Bi-Pin T8, Tandem Wiring

OPTIONS AND ACCESSORIES

• **OPTICAL OPTIONS**

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

SUFFIX

- CA
- PA
- FWA
- *
- *

• **MECHANICAL OPTIONS**

- Tamper Proof Screws
- (Hex Socket With Post)
- Gasketing
- **ELECTRICAL OPTIONS**
- Emergency Battery Pack
- External Line Fusing (HLR/GLR)

SUFFIX

- TP
- 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**

- Fixture Suspension System

CAT. NO.

*

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

SPECIFICATIONS

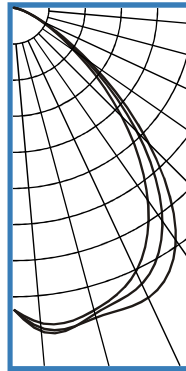
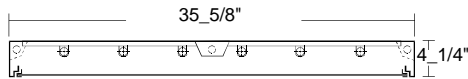
- **TYPE** Surface mounted, metal sided, modular luminaire. Available in various lengths and widths.
- **CONSTRUCTION** 20 ga. cold rolled steel welded housing.
- **FINISH** Baked white powder coated finish, minimum reflectance 90%, painted after fabrication.
- **DOOR FRAME** 20 gauge cold rolled steel 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. For a one piece 3x3 or 4x4 PA lenses specify PA8.
- **WIRING** 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified.
- **LABELS** U.L. Listed. Suitable for damp locations.



PHOTOMETRIC DATA

MHL330-6-3R-FSW-PA-E8

TEST NO.=LA-T0560
 LAMP TYPE=FO32T8
 NO. OF LAMP=6
 LUMENS PER LAMP=2900
 WATTS PER LAMP=32
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	3659	3659	3659
5	3836	3940	3900
15	3791	3833	3884
25	3513	3684	3870
35	2825	3134	3418
45	1832	2090	2293
55	880	984	1079
65	340	368	370
75	93	103	109
85	12	16	14
90	1	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	3165	24.8	39.1
0-40	5130	40.2	63.4
0-60	7619	59.8	94.1
0-90	8098	63.5	100.0
90-120	0	0.0	0
90-150	0	0.0	0
90-180	0	0.0	0
0-180	8098	63.5	100.0

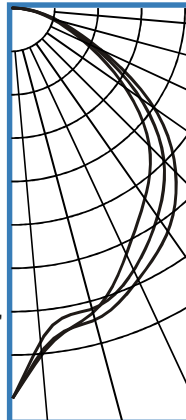
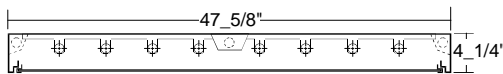
Lumen Output = 8098 lumens
 Luminaire Efficiency = 63.5%

SPACING CRITERION

ALONG	ACROSS
1.25	1.41

MHL340-8-4R-FSW-PA-E8

TEST NO.=LA-T0459
 LAMP TYPE=FO32T8
 NO. OF LAMP=8
 LUMENS PER LAMP=2900
 WATTS PER LAMP=32
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	6947	6947	6947
5	6167	5926	6115
15	5595	5535	5736
25	4805	5125	5313
35	4109	4503	4827
45	3431	3797	4095
55	2424	2751	3051
65	1391	1554	1690
75	707	770	812
85	222	230	239
90	17	22	19
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	4526	19.5	29.6
0-40	7343	31.7	48.1
0-60	12733	54.9	83.3
0-90	15271	65.8	100.0
90-120	5	0.0	0
90-150	5	0.0	0
90-180	5	0.0	0
0-180	15277	65.8	100.0

Lumen Output = 15277 lumens
 Luminaire Efficiency = 65.8%

SPACING CRITERION

ALONG	ACROSS
0.96	1.09

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