



METAL SIDED

MHL320 SERIES 2X2, Metal Sided Luminaire



- 2x2, 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
 - 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

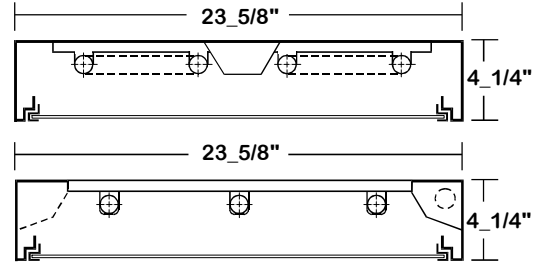
METAL SIDED - Fluorescent

LED Equivalent Products Available on www.lalighting.com



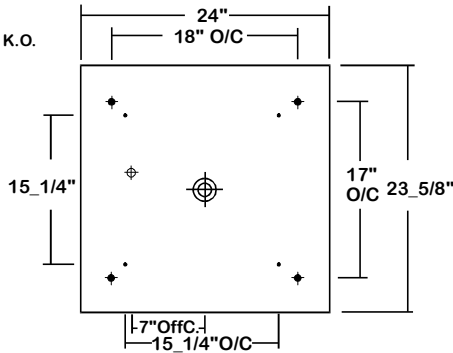
**MHL320 SERIES
2x2**

CROSS SECTION



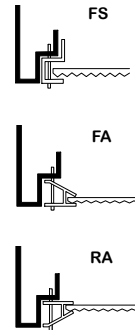
BACK PLATE

- 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

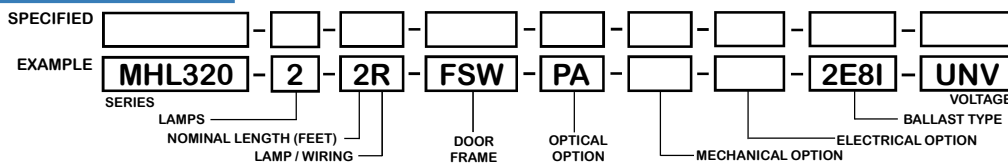
STYLES

- 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
MHL320-2-2M	2' X 2'	2	MHL320-2-2RU1	2' X 2'	2
MHL320-3-2M	2' X 2'	3	MHL320-2-2RU6	2' X 2'	2
MHL320-4-2M	2' X 2'	4	MHL320-3-2RU1	2' X 2'	3
MHL320-2-2R	2' X 2'	2	MHL320-2-2B	2' X 2'	2
MHL320-3-2R	2' X 2'	3	MHL320-3-2B	2' X 2'	3
MHL320-4-2R	2' X 2'	4	MHL320-4-2B	2' X 2'	4

ORDERING GUIDE



NOTE: LAMP/WIRING*

- M = Miniature Bi-Pin T5
- R = Medium Bi-Pin T8
- RU1 = Medium Bi-Pin T8 U Shaped 1.5/8" Spacing
- RU6 = Medium Bi-Pin T8 U Shaped 6" Spacing

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
- Emergency Battery Pack
- External Line Fusing (HLR/GLR)
- Radio Interference Filters Night Light

SUFFIX

- GSK
- BP*
- ELF
- RIF
- NL*

● **BALLAST OPTIONS**

- Electronic T5
- Electronic T5HO
- Electronic Step Dimming T5HO
- Electronic T8
- Electronic Step Dimming T8

SUFFIX

- E5*
- E5H
- ESDM5H
- E8*
- ESDM8*

● **ACCESSORIES**

- Fixture Suspension System

CAT. NO.

*

*See appropriate reference page

SPECIFICATIONS

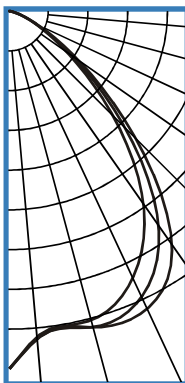
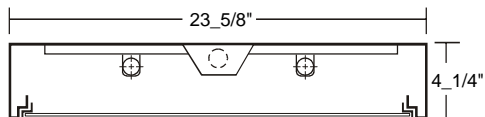
- **TYPE** Surface mounted, metal sided, modular luminaire. Available in various lengths.
- **CONSTRUCTION** 20 ga. cold rolled steel welded housing.
- **FINISH** Baked white powder coated finish, minimum reflectance 90%, painted after fabrication.
- **DOOR FRAME** 20 gauge cold rolled steel or extruded aluminum in various finishes. T-hinges, positive spring loaded latches.
- **GASKET** One way polyurethane gasketed standard. More options available.
- **OPTICS** Clear prismatic acrylic standard. 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.



PHOTOMETRIC DATA

MHL320-2-2R-FSW-PA-E8

TEST NO.=LA-T0381
 LAMP TYPE=FO32T8
 NO. OF LAMP=2
 LUMENS PER LAMP=2900
 WATTS PER LAMP=32
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	880	880	880
5	808	806	802
15	786	804	805
25	721	773	806
35	574	639	696
45	356	398	434
55	166	182	201
65	64	67	72
75	18	18	20
85	2	3	3
90	0	0	0
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	660	24.4	40.7
0-40	1060	39.2	65.4
0-60	1531	56.7	94.5
0-90	1620	60.0	100.0
90-120	0	0.0	0
90-150	0	0.0	0
90-180	0	0.0	0
0-180	1620	60.0	100.0

Lumen Output = 1620 lumens
 Luminaire Efficiency = 60.0%

SPACING CRITERION

ALONG	ACROSS
1.11	1.25

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