



# 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
  - Tamper Proof Screws
  - Emergency Battery Pack



*Photometric Data and IES Files are Available on [www.lalighting.com](http://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](http://www.lalighting.com)

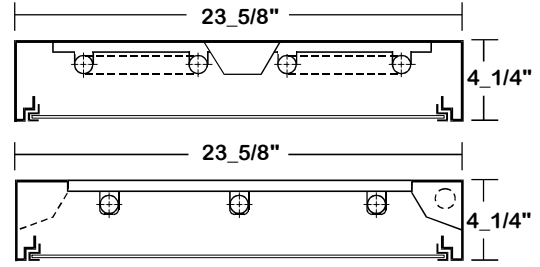
**METAL SIDED - Fluorescent**

LED Equivalent Products Available on [www.lalighting.com](http://www.lalighting.com)



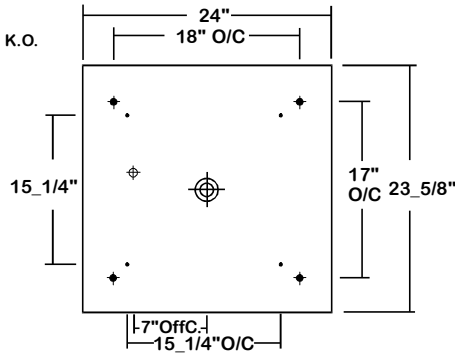
**MHL320 SERIES  
2x2**

**CROSS SECTION**



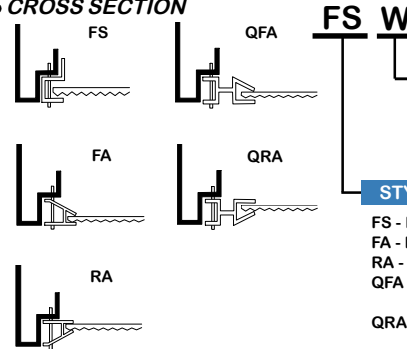
**BACK PLATE**

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



**DOOR FRAME INFORMATION**

**CROSS SECTION**



**FINISHES**

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

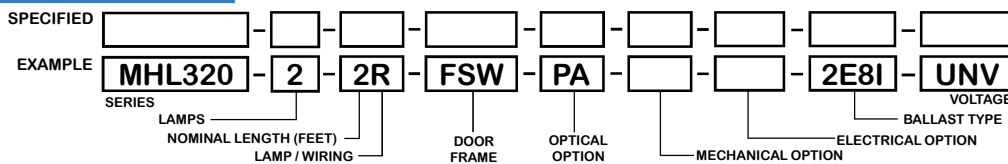
**STYLES**

- 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

**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 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

**SUFFIX**

- TP
- GSK

**ELECTRICAL OPTIONS**

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

**SUFFIX**

- 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**

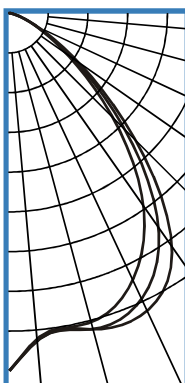
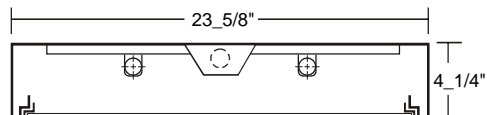
- **TYPE** Surface mounted, metal sided, modular luminaire. Available in various lengths.
- **CONSTRUCTION** 20 ga. cold rolled steel welded housing.
- **FINISH** Baked white powder coated finish, minimum reflectance 90%, painted after fabrication.
- **DOOR FRAME** 20 gauge cold rolled steel or extruded 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. or ETL 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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