



# METAL SIDED

## MDH410 SERIES



# Metal Sided Surface Mounted Luminaire



- 1X4, Metal Sided Surface Mounted Deep Housing Luminaire
- 20 Gauge Cold Rolled Steel Welded Housing
- Powder Coated Finish / Painted After Fabrication
- 2" Deep Regressed Extruded Aluminum Foot Frame
- 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](http://www.lalighting.com)



### LOS ANGELES LIGHTING MFG. CO.

10141 OLNEY ST. / EL MONTE, CA 91731

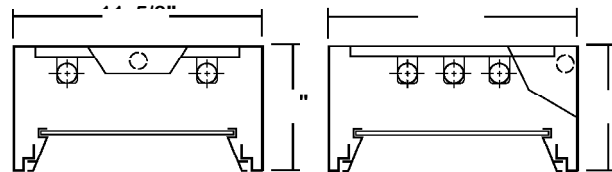
TEL : 626-454-8300 FAX : 626-454-8399

[www.lalighting.com](http://www.lalighting.com)



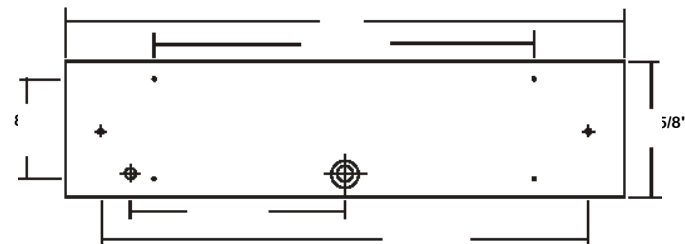
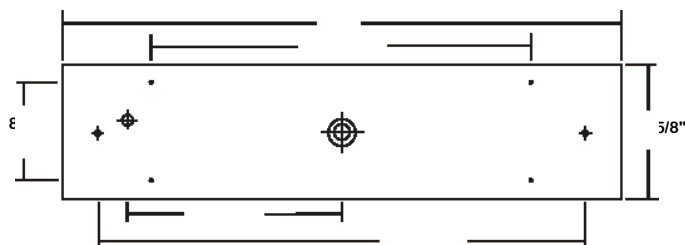
# MDH410 SERIES

## CROSS SECTION



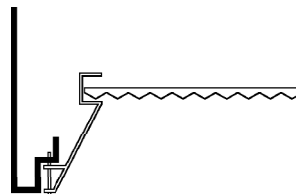
## BACK PLATE

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



## DOOR FRAME INFORMATION

### ● CROSS SECTION



R2 W

### FINISHES

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

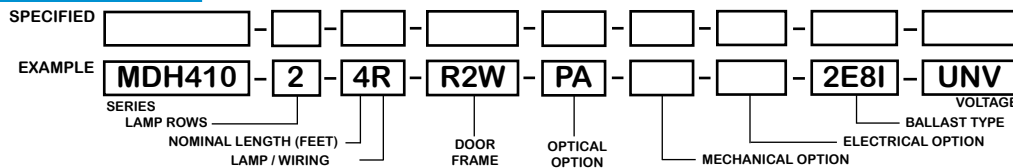
### STYLES

- R2 - 2" Regress

## CATALOG NUMBER

| CATALOG NUMBER | NOMINAL LENGTH | TOTAL LAMPS |
|----------------|----------------|-------------|
| MDH410-1-4M    | 4'             | 1           |
| MDH410-2-4M    | 4'             | 2           |
| MDH410-3-4M    | 4'             | 3           |
| MDH410-1-4R    | 4'             | 1           |
| MDH410-2-4R    | 4'             | 2           |
| MDH410-3-4R    | 4'             | 3           |

## 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 White Acrylic
- Polycarbonate Lenses
- High Impact Acrylic
- Note: Other lens available upon request

### SUFFIX

- CA
- PA
- FWA
- \*

### ● 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

- Fixture Suspension System

### CAT. NO.

\*

\*Refer to [www.lalighting.com/resources](http://www.lalighting.com/resources) for more information

## SPECIFICATIONS

### ● TYPE

Surface mounted, metal sided deep housing, available in various lengths and widths. Specifically designed to accommodate 2" deep regressed extruded aluminum door frame.

### ● CONSTRUCTION

20 ga. cold rolled steel welded housing.

### ● FINISH

Baked white powder coated finish, minimum reflectance 90%, painted after fabrication.

### ● DOOR FRAME

Heavy wall 2" deep aluminum extrusion. T-hinge, positive spring loaded latch. Two gussets installed in each corner for maximum strength and true miter alignment.

### ● 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.

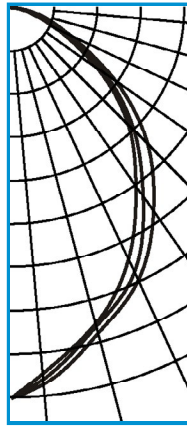
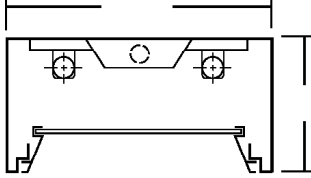
### ● LABELS

U.L. Listed. Suitable for damp locations.



**PHOTOMETRIC DATA**

|                              |
|------------------------------|
| <b>MDH410-2-4R-R2W-PA-E8</b> |
| TEST NO.=LA-T1157            |
| LAMP TYPE=FO32T8             |
| NO. OF LAMP=2                |
| LUMENS PER LAMP=2900         |
| WATTS PER LAMP=32            |
| BALLAST FACTOR=1             |
| PHOTOMETRY TYPE=C            |



| <b>CANDLEPOWER</b> |      |      |       |
|--------------------|------|------|-------|
| ANGLE              | END  | 45   | CROSS |
| 0                  | 1323 | 1323 | 1323  |
| 5                  | 1279 | 1261 | 1242  |
| 15                 | 1141 | 1116 | 1107  |
| 25                 | 1019 | 988  | 940   |
| 35                 | 839  | 777  | 735   |
| 45                 | 652  | 587  | 560   |
| 55                 | 432  | 386  | 357   |
| 65                 | 222  | 192  | 175   |
| 75                 | 109  | 82   | 64    |
| 85                 | 22   | 18   | 17    |
| 90                 | 0    | 0    | 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     |

| <b>ZONAL LUMEN SUMMARY</b> |        |        |           |
|----------------------------|--------|--------|-----------|
| DEGREES                    | LUMENS | % LAMP | % FIXTURE |
| 0-30                       | 893    | 15.4   | 35.8      |
| 0-40                       | 1385   | 23.9   | 55.5      |
| 0-60                       | 2197   | 37.9   | 88.0      |
| 0-90                       | 2496   | 43.0   | 100.0     |
| 90-120                     | 0      | 0.0    | 0         |
| 90-150                     | 0      | 0.0    | 0         |
| 90-180                     | 0      | 0.0    | 0         |
| 0-180                      | 2496   | 43.0   | 100.0     |

Lumen Output = 2496 lumens  
 Luminaire Efficiency = 43.0%

| <b>SPACING CRITERION</b> |        |
|--------------------------|--------|
| ALONG                    | ACROSS |
| 1.06                     | 0.98   |

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