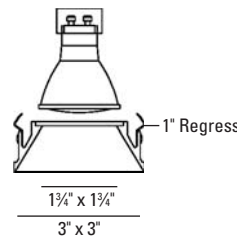


# BEVEL® Trimless Metal Halide

# 2450

## Downlight



### LUMINAIRE INFORMATION

#### APPLICATION:

Accent luminaire for Residential, Commercial, Retail or Hospitality environments.

#### MATERIALS:

Trim: Die cast aluminum with mounting clips.  
Housing: All-Ways Square™ housing allows alignment of square aperture (up to 45° rotation) after housing installation and prior to finish ceiling installation. Patent pending. Fabricated of 20 ga. galvanized steel with thru wire J-box, 2 in 2 out (4 in 4 out for IC/ Airtight) at min. 90°C, #12 AGW thru branch circuit wiring. Housing and trim supplied as one complete unit.  
Trim Lens: Frosted

#### LAMP: (not included)

(1) 20W or 39W MHMR16 GX10.

#### MOUNTING:

Butterfly brackets and adjustable nailer bars with integral nails provided. Nailer bars are extendible from 14" to 24" centers.

#### VOLTAGE:

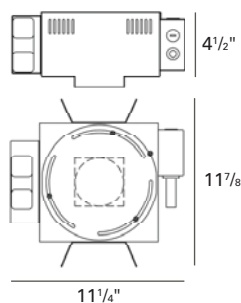
Specify 120V or 277V.

### HOUSING INFORMATION

New Construction

**FL710-A (20W)**

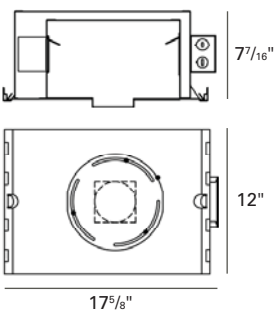
**FL130-A (39W)**



IC/Airtight

**FL710-A-IC (20W)**

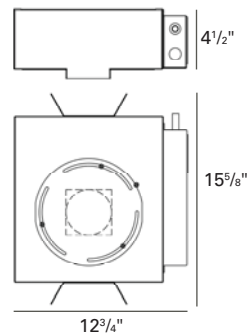
(Not available in 39W)



Chicago Plenum

**FL710-A-CP (20W)**

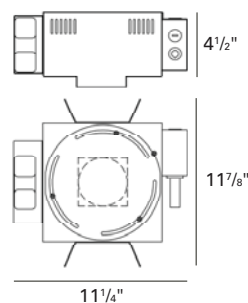
**FL130-A-CP (39W)**



Millwork

**FL710-A-ML (20W)**

**FL130-A-ML (39W)**



### HOW TO SPECIFY

Trim	Finish	Trim Lens*	Housing	Voltage	Accessories
<b>2450</b>		*Frosted is standard unless option is specified			
<b>2450</b> Bevel Trimless Downlight, New Construction and Chicago Plenum: 20W or 39W MHMR16 IC/Airtight: 20W MHMR16	<b>10</b> - White <b>21</b> - Black <b>28</b> - Metalized Grey <b>RAL</b> - Special Color	<b>B</b> - Borosilicate Clear Lens <b>C</b> - Clear Lens <b>F</b> - Frosted Lens <b>L</b> - Linear Spread Lens <b>P</b> - Prismatic Lens <b>S</b> - Solite <b>U</b> - Anti UV Filter	<b>20W MHMR16</b> <b>FL710-A</b> - New Construction <b>FL710-A-IC</b> - IC/Airtight <b>FL710-A-CP</b> - Chicago Plenum <b>FL710-A-ML-XX</b> - Millwork XX=Specify Color (10, 21, 28, RAL) <b>39W MHMR16</b> <b>FL130-A</b> - New Construction <b>FL130-A-CP</b> - Chicago Plenum <b>FL130-A-ML-XX</b> - Millwork XX=Specify Color (10, 21, 28, RAL)	<b>120V</b> <b>277V</b>	<b>CB27</b> - 27" C-Channel Bars <b>CB52</b> - 52" C-Channel Bars <b>LAMPS</b> - MHMR16 20W / 39W

#### BALLAST:

Solid state electronic.

Note: Due to ballast / dimmer match some dimmers may cause ballast hum. Check with dimmer manufacturer for suitability.

#### CEILING CUT OUT:

New Construction IC/ Airtight Ceiling	3 1/2" x 3 1/2"
Chicago Plenum Mill Work	3 5/16" x 3 5/16"

#### NOTES:

- Housing included with trim.
- Maximum ceiling thickness 1 inch. Consult factory for other ceiling conditions.
- For drywall installation only.
- Not for use with acoustical ceilings.
- Maximum Millwork thickness 1 inch. Consult factory for other ceiling conditions.
- Maximum 1 lens option.
- Not for use with ES16 lamps.

#### LISTINGS:

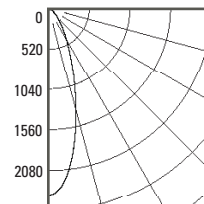
Dry/damp location.



IC/Airtight housing meets Washington state airflow requirement and ASTM E283. Chicago Plenum housing is Chicago Plenum rated. IBEW union made.

#### PHOTOMETRICS:

Distribution chart



LTL No.: 13909.ies

**39W MHMR16**

GX10 25°

Frosted lens -

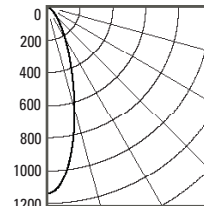
63% Efficiency

Solite lens -

78% Efficiency

Ft	FC	Dia.
<b>below</b>	<b>nadir</b>	<b>@ 50%</b>
6.0	66.6	3.3
8.0	37.4	4.3
10.0	24.0	5.4
12.0	16.6	6.5
14.0	12.2	7.6
16.0	9.4	8.7

Distribution chart



LTL No.: 17145.ies

**20W MHMR16**

GX10 25°

Frosted lens -

63% Efficiency

Solite lens -

78% Efficiency

Ft	FC	Dia.
<b>below</b>	<b>nadir</b>	<b>@ 50%</b>
6.0	31.7	3.2
8.0	17.8	4.3
10.0	11.4	5.4
12.0	7.9	6.5
14.0	5.8	7.6
16.0	4.5	8.7