



Gotham Architectural Downlighting  
Renovation HID Downlights

**8" LGHI**  
**Round Lens**

Wet Location  
Vertical Metal Halide Lamp

FEATURES

**OPTICAL SYSTEM**

- Aluminum upper reflector coated with highly reflective white paint provides high efficiency and an evenly illuminated aperture appearance.
- Available with tempered prismatic lens (T73), flat fresnel lens (FFL) or flat opal lens (FOL).
- Regressed white door (RW) or stepped black baffle (SB) are available with white painted flange provided.
- Door is retained by self-aligning, torsion support springs, preventing gaps between door and ceiling.

**MECHANICAL SYSTEM**

- Galvanized steel junction box is mounted to reflector with hinge mechanism. Knockouts provided for power supply feed. No. 12 AWG conductors, rated for 90°C.
- Three (3) swinggate brackets allow for installation from below the ceiling. Suitable for ceiling thickness ranging from 5/8" (1.59cm) to 1" (2.54cm).

**ELECTRICAL SYSTEM**

- Die-cast aluminum lampholder housing.

- Medium-base porcelain socket with nickelplated screw shell.
- Thermally protected, high power factor electronic ballast (50/60Hz) mounted to the junction box.
- Thermally activated insulation detector.

**LISTING**

- Fixtures are UL Listed, non-IC recessed mounting and wet locations.

**WARRANTY**

- 1-year limited warranty. Complete warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

ORDERING INFORMATION

**EXAMPLE: LGHI 100M 8RW T73120**

Series	Wattage/Lamp <sup>1</sup>	Aperture/Trim color	Lens type	Voltage	Options
LGHI	<u>Color-Corrected Metal Halide</u>	<b>8RW</b> Regressed white door	<b>T73</b> Tempered prismatic lens	<b>120</b> <b>277</b>	<b>TRDA</b> Tamper-resistant door assembly <b>SF</b> Single fuse <b>WLP</b> Lamp (shipped separately) <b>GSKT</b> Foam gasketing, ships uninstalled
	<b>70MHC</b>	<b>8SB</b> Stepped black baffle	<b>FFL</b> Flat fresnel lens		
	<b>100MHC</b>	<b>8RA</b> Regressed anodized	<b>FOL</b> Flat opal lens		
	<b>150MHC</b>				

NOTES

ORDERING NOTES
1. Recommended for use with coated lamps.

**8" LGHI**

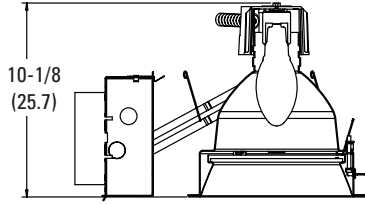
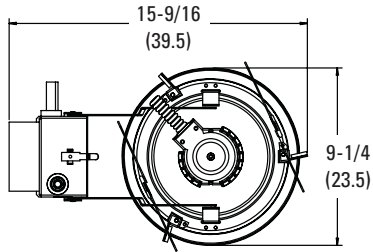
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Wet Location, Vertical Metal Halide Lamp



DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.

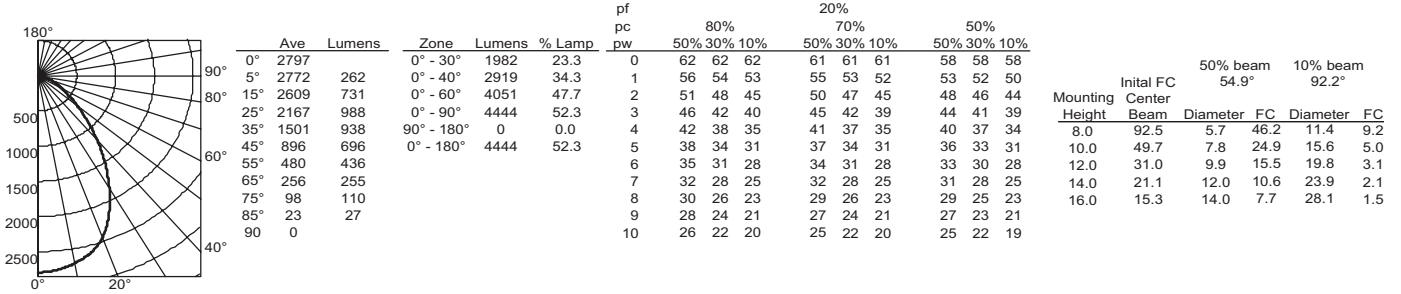


- Aperture: 7-7/8 (20.1)
- Ceiling Opening: 8-3/8 (21.3)
- Overlap Trim: 9-1/4 (23.5)

Distribution Curve    Distribution Data    Output Data    Coefficient of Utilization    Illuminance: Single Luminaire 30" Above Floor

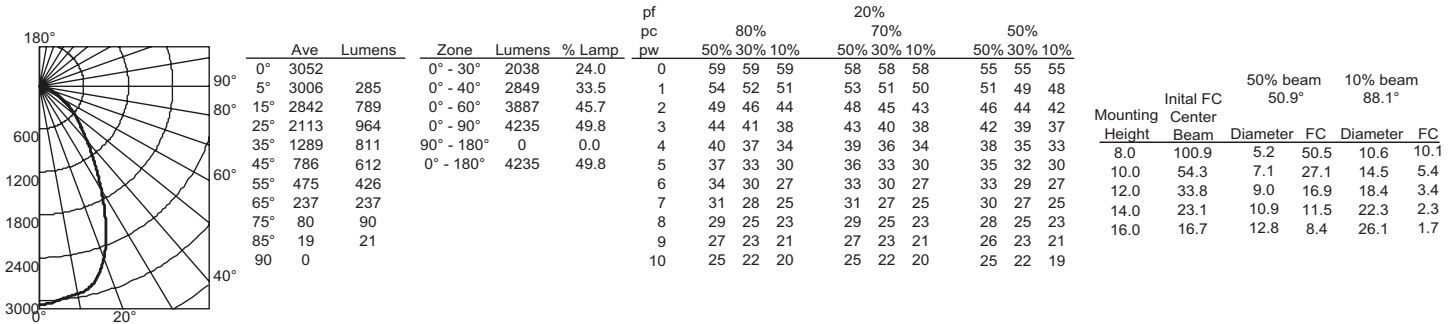
**LGHI 100M 8RW T73**

MH100/C/U/MED LAMP, 1.0 S/MH, 8500 RATED LUMENS, TEST NO. LTL14368



**LGHI 100M 8RW FFL**

MH100/C/U/MED LAMP, 1.0 S/MH, 8500 RATED LUMENS, TEST NO. LTL14369



PHOTOMETRY NOTES

- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- Actual performance may differ as a result of end-user environment and application.
- Consult factory or IES file for microgroove baffle, black cone or other photometric reports.