

Gotham Architectural Downlighting
HID Surface Downlights

**8" CH
Cylinders**

Metal Halide, 6" Aperture

FEATURES

OPTICAL SYSTEM

- Self-flanged, semi-specular or matte-diffuse reflector. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of reflector to bottom. Minimum flange matches reflector finish.

HOUSING

- Heavy gauge, aluminum housing with top deck for clean appearance. Provided with safety chain on ceiling and pendant units allowing hands-free wiring connections. Matte white textured polyester powder paint finish standard.

MOUNTING

- Ceiling mount provided with mounting pattern for direct installation to 4" octagonal or square junction box.
- Wall mount provided with mounting pattern for direct installation to 4" octagonal or square junction box.
- Pendant mount entry provided for 3/8" National Pipe Thread stem. Additional pendant options available (see accessories). Wires supplied by others.

ELECTRICAL SYSTEM

- Open luminaire - provided with protected, medium-base porcelain socket with nickel-plated screw shell.
- Enclosed luminaire - provided with medium-base porcelain socket with nickel-plated screw shell.
- Removable, pre-wired, 120 to 277V, 50/60Hz electronic ballast module standard.

LISTING

- Fixtures are listed and labeled to comply with US and Canadian standards. Wall mount suitable for wet locations - lens required. Ceiling and pendant mount suitable for wet locations in covered ceiling installations only - lens required.

WARRANTY

- 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

ORDERING INFORMATION

EXAMPLE: CH8 70MHC 6AR MVOLT FCM DWHG

Series	Wattage/Lamp ¹	Aperture/Trim color	Finish	Lens type	Voltage	Mounting
CH8	<u>Metal halide</u>	6AR Clear	(blank) Semi-specular	(blank) No lens	MVOLT⁴	FCM Ceiling mount
	50M MED	6PR Pewter	LD Matte-diffuse	CGL Clear glass lens	120	WM Wall mount
	70M MED	6WTR Wheat		T73 Tempered prismatic lens	277	PM⁶ Pendant 3/8" thread mount
	100M MED	6WR White			347^{4,5}	
	<u>Color-correct metal halide²</u>	6BR Black				
	50MHC MED					
	70MHC MED					
	100MHC³ MED					

Options

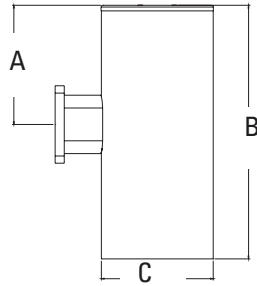
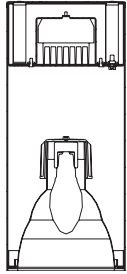
SF⁷ Single fuse	Architectural Colors - Powder Paint⁹	DWH Gloss white	DGC Charcoal grey
QRS⁸ Quartz restrike system	DWHG Matte white (standard)	DMB Medium bronze	DTG Tennis green
QRSTD^{5,8} Quartz restrike system with time delay	DDB Dark bronze	DNA Natural aluminum	DBR Bright red
EC⁵ Emergency circuit	DBL Black	DSS Sandstone	DSB Steel blue
WLP Lamp (shipped separately)			

ACCESSORIES order as separate catalog numbers (shipped separately)

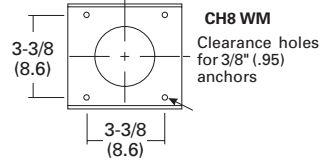
CYS¹⁰	3/8" stem and canopy with 5° "hang straight" swivel
CRS¹⁰	3/8" stem and canopy with 45° swivel

DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



Wall Mount Bracket



Aperture: 6-1/4 (15.9)
 Housing Diameter: 7-5/8 (19.4)
 Housing Height: 17-3/8 (44.1)

A: 8-1/8 (20.7)
 B: 17-3/8 (44.1)
 C: 7-5/8 (19.4)

NOTES

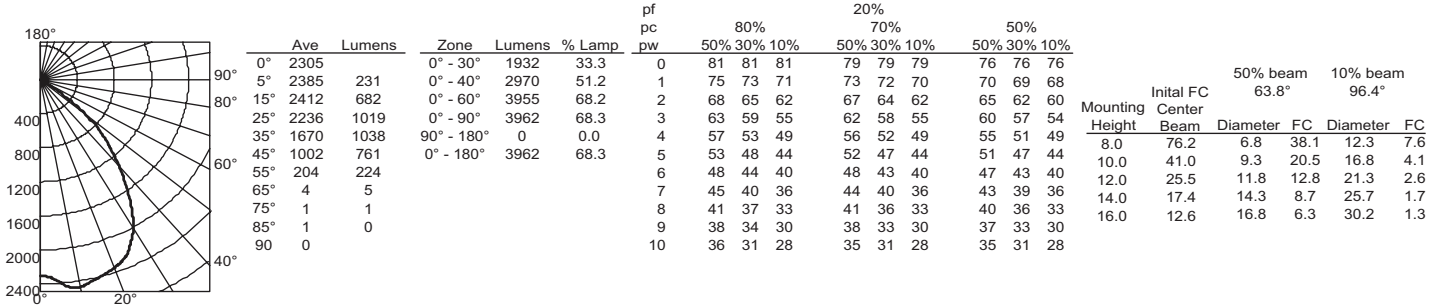
ORDERING NOTES

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. Recommended for use with ceramic coated lamps. 2. Ceramic ARC tube consistent-color lamp. Phillips Mastercolor or GE Constant Color. 3. Open only; N/A with lens options. 4. Not available 50W. 5. Not available with QRS. 6. Stem not included. | <ol style="list-style-type: none"> 7. Must specify 120 or 277V. 8. Not available with EC. 9. Additional architectural colors available; see www.lithonia.com/archcolors. 10. Color and length of stem must be specified (from 6" to 240" in even increments in maximum sections of 48"). Ex.: CYS06 DWHG. Ceiling attachment for interior use. Consult factory for exterior use. Wire not included. |
|--|--|

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

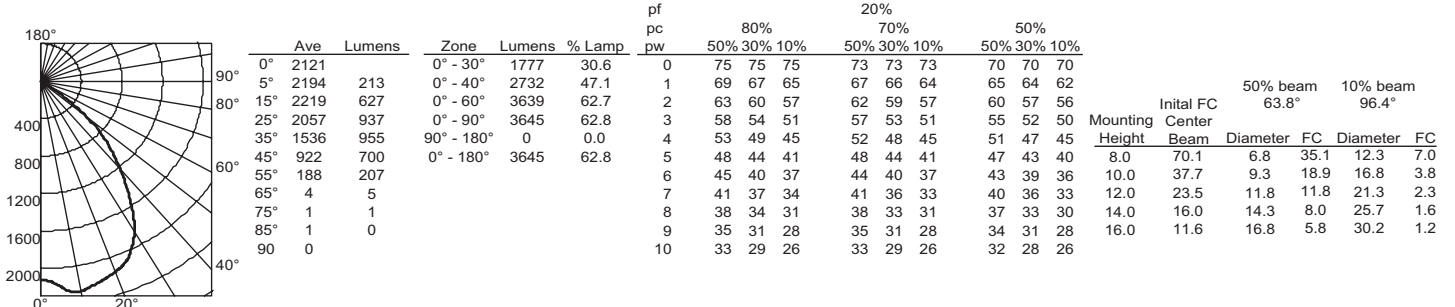
CH8 70MHC 6AR

MHC 70/C/U/M/4K LAMP, 1.2 S/MH, 5800 RATED LUMENS, TEST NO. LTL7956



CH8 70MHC 6AR CGL

MHC 70/C/U/M/4K LAMP, 1.2 S/MH, 5800 RATED LUMENS, TEST NO. LTL8009



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.