

FEATURES

OPTICAL SYSTEM

- Self-flanged, semi-specular, or matte-diffuse anodized lower reflector. Optically designed to provide 40° cutoff for optimal efficiency and glare control.
- Interchangeable upper reflectors provide narrow, medium and wide distributions. These preset distribution patterns allow designers to achieve various design objectives.
- 1/8" thick softening lens eliminates beam striations and ensures maximum efficiency. Provides required protective shielding.
- Optical system retained by self-aligning torsion support springs.

MECHANICAL SYSTEM

- Black painted housing features tool-less top access and accommodates a maximum 1-1/2" ceiling thickness.
- Tool-less re-lamp capability from above or below ceiling.
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed. Post installation adjustment possible without the use of tools from above or below ceiling.
- Galvanized steel junction box with hinged access covers and spring latch. Three combination 1/2"-3/4" and two 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors rated for 90°C.
- Secondary housing adjustment system for precise, final ceiling to flange alignment.

ELECTRICAL SYSTEM

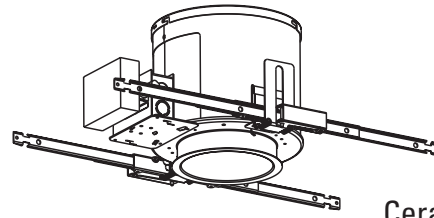
- Tool-less access door provides access to junction box and ballast through the aperture.
- G12 (T6), G8.5 (T4) or PGJ5 (T4T) base ceramic socket.
- Pre-wired, electronic, 120 or 277V ballast module is standard. Assembly can be attached before or after mounting of mounting/plaster frame.
- Thermally activated insulation detector.
- 3000°K lamp ships standards.

LISTING

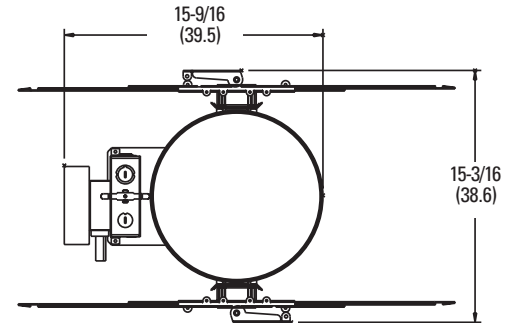
- Fixtures are UL Listed for thru-branch wiring, Non-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards.

Type

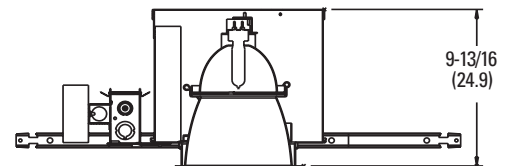
Catalog number



HID Downlights
6" ATH
T4/T6 Downlight
 Ceramic Metal Halide Lamp



Aperture: 6-1/4 (15.9)
 Ceiling Opening: 6-7/8 (17.5)
 Overlap Trim: 7-1/2 (19.1)



All dimensions are inches (centimeters).

ORDERING INFORMATION

Example: **ATH T6 39MHC 6AR N LD 120**

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line.

ATH

Series	Lamp Type	Lamp Wattage	Aperture/Trim Color	Finish	Voltage	Ballast	Options
ATH	T4T ^{1,2}	20MHC	6AR Clear	(blank) Semi-specular LD Matte-diffuse	120	(blank) Electronic ballast EMB Electro-magnetic ballast	SF Single fuse
	T4 ^{2,3}	39MHC	6BR ⁵ Black		277		TRW White painted flange
	T6 ⁴	70MHC	6PR Pewter		347 ⁶		TRBL Black painted flange
		150MHC	6UBR Umber				L/LP Less lamp
			6WTR Wheat			LRC ⁷ Provides compatibility with Lithonia Reloc [®] System. Lithonia Reloc System can be installed less this option with connectors provided by others. Access above ceiling required	

Distribution

- N Narrow
- M Medium
- W Wide

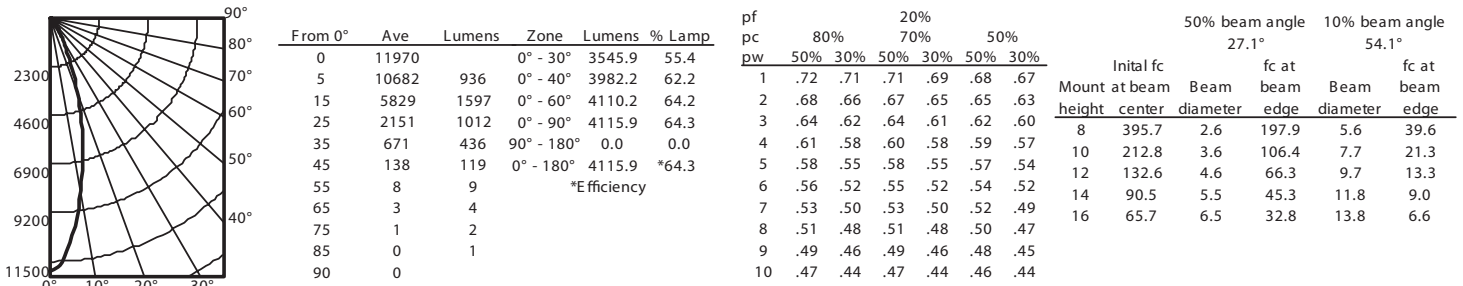
NOTES

- 1 Philips Mini MasterColor[®] available in 20W & 120V only. Consult factory for availability on 39W.
- 2 Available with electronic ballast only.
- 3 Available in 39W & 70W only.
- 4 Available in 39W, 70W & 150W only.
- 5 Not available with finishes.
- 6 Available with 70W & 150W electro-magnetic ballast only.
- 7 For compatible Reloc system, refer to Technical Bulletins tab.

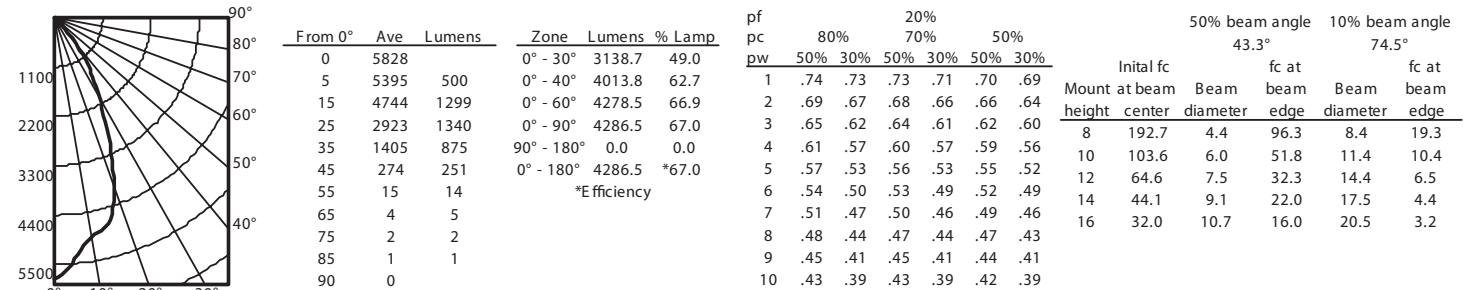
6" ATH Open Reflector

Distribution curve Distribution data Output data Coefficient of utilization Illuminance Data at 30" Above Floor for a Single Luminaire

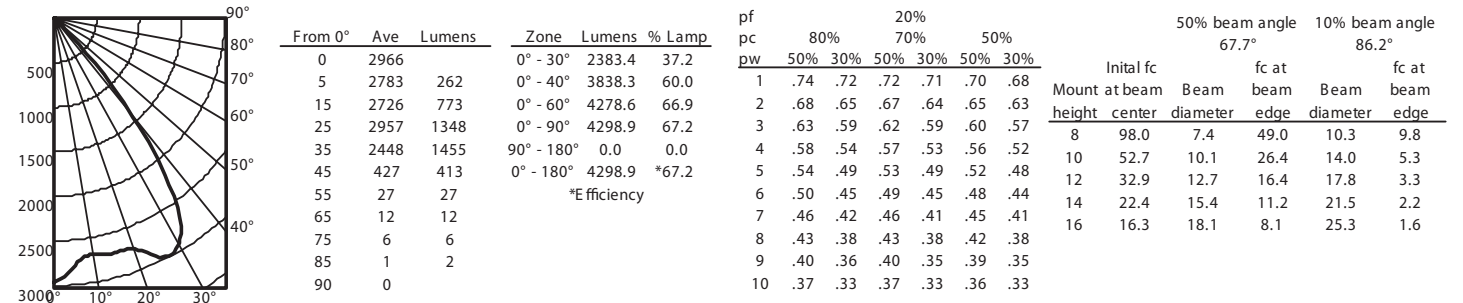
ATH T6 70M 6AR N, CMH70/U/942/G12 lamp, 6400 rated lumens, 0.5 s/mh, Test No. LTL15371



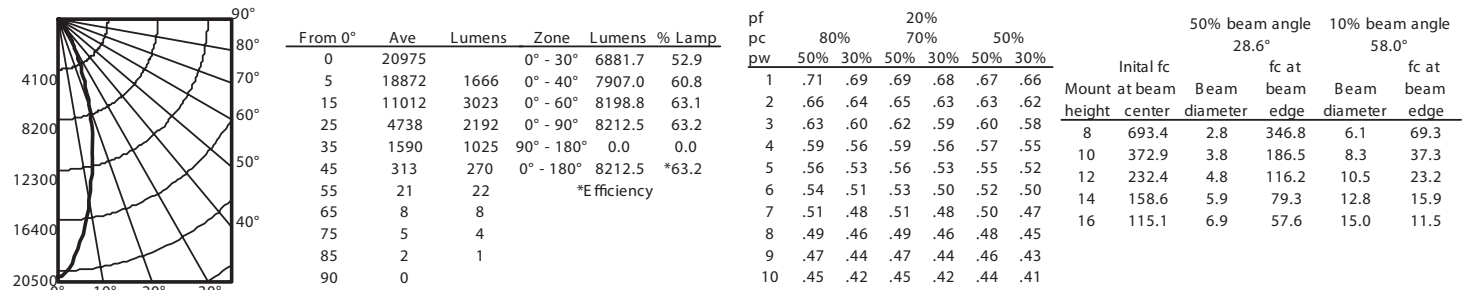
ATH T6 70M 6AR M, CMH70/U/942/G12 lamp, 6400 rated lumens, 0.8 s/mh, Test No. LTL15392



ATH T6 70M 6AR W, CMH70/T/U/942/G12 lamp, 6400 rated lumens, 1.2 s/mh, Test No. LTL15179



ATH T6 150M 6AR N, CMH150/T/U/942/G12 lamp, 13000 rated lumens, 0.5 s/mh, Test No. LTL15387



NOTES:

- For electrical characteristics consult Technical Bulletin tab.
- Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications are based on the most current available data and are subject to change without notice.

DHID-320

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