



MasterColor CDM ED17 Protected

MHC150/U/MP/4K ALTO 12PK

Direct retrofit with immediate energy savings! Range of protected, high-efficiency long life ceramic metal halide lamps with a stable color over lifetime and a crisp, sparkling light to be used in open fixtures.

Warnings and Safety

- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA: 21 CFR 1040.30 Canada: SOR/DORS/80-381)
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

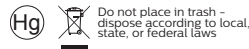
Product data

General Information		Lumen Maintenance - 40% Life	
Base	E26 [Single Contact Medium Screw]	Lumen Maintenance - 10% Life	75 %
Operating Position	Universal [Universal]	Design Mean Lumens	87 %
Main Application	General Lighting (G)	Chromaticity Coordinate X (Max)	9000 lm
Life to 50% Failures (Min)	20000 h	Chromaticity Coordinate X (Min)	0.387
ANSI Code HID	C142/O	Chromaticity Coordinate X (Nom)	0.369
Features	ALTO® + FadeBlock™	Chromaticity Coordinate X (Max)	0.378
Footnotes HID 1	Exclusive to Philips Lighting Company.	Chromaticity Coordinate Y (Max)	0.372
		Chromaticity Coordinate Y (Min)	0.360
		Chromaticity Coordinate Y (Nom)	0.366
		Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (Rated) (Min)	73 lm/W
		Luminous Efficacy (rated) (Nom)	80 lm/W
		Color Rendering Index (Min)	87
Light Technical			
Color Code	940 [CCT of 4000K]		
Luminous Flux (Rated) (Min)	11000 lm		
Luminous Flux (Rated) (Nom)	12000 lm		
Color Designation	Deluxe Cool White		

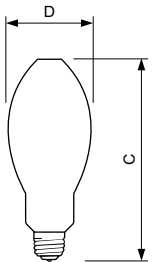
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Color Rendering Index (Nom)	90
Operating and Electrical	
Lamp Current (Nom)	1.8 A
Ignition Supply Voltage (Min)	235 V
Re-Ignition Time (Min) (Max)	12 min
Ignition Time (Max)	10 s
Voltage (Max)	105 V
Voltage (Min)	85 V
Voltage (Nom)	95 V
Mechanical and Housing	
Bulb Finish	Clear
Cap-Base Information	Brass [Brass Cap]
Bulb Material	Hard Glass
Bulb Shape	ED17P [ED17P]
Approval and Application	
Picogram Per Lumen Hour	63.3 pg/lm.h
Mercury (Hg) Content (Nom)	12.3 mg

UV	
Pet (Niosh) (Nom)	304 h.klx
Damage Factor D/fc (Nom)	0.281
Luminaire Design Requirements	
Bulb Temperature (Max)	400 °C
Cap-Base Temperature (Max)	190 °C
Product Data	
Order product name	MHC150/U/MP/4K ALTO 12PK
EAN/UPC - Product	046677377243
Order code	377242
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601171701
Net Weight (Piece)	0.070 kg



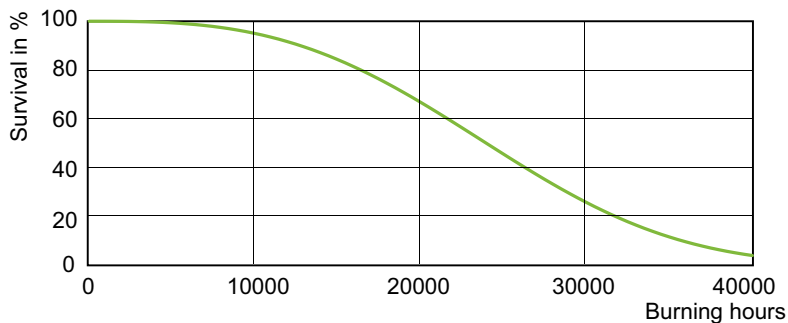
Dimensional drawing



Product	D	C (max)
MHC150/U/MP/4K ALTO 12PK	2.125 in	5.438 in

MHC P 150W/940 E26 ED17P U ALTO+FB

Lifetime



LDLE_D-MHC-P_0002-Life expectancy diagram

