



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	
Base	E26 [Single Contact Medium Screw]
Operating Position	Universal [Universal]
Main Application	General Lighting (G)
Life to 50% Failures (Min)	20000 h
ANSI Code HID	C142/O
Features	ALTO® + FadeBlock™
Footnotes HID 1	Exclusive to Philips Lighting Company.
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

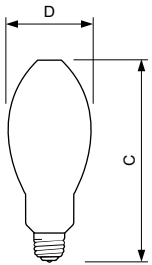
Lumen Maintenance - 40% Life	75 %
Lumen Maintenance - 10% Life	87 %
Design Mean Lumens	9000 lm
Chromaticity Coordinate X (Max)	0.387
Chromaticity Coordinate X (Min)	0.369
Chromaticity Coordinate X (Nom)	0.378
Chromaticity Coordinate Y (Max)	0.372
Chromaticity Coordinate Y (Min)	0.360
Chromaticity Coordinate 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

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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
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

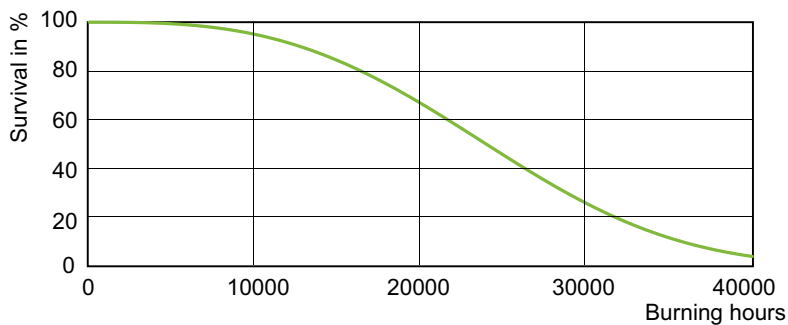
Dimensional drawing



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

