



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.

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
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

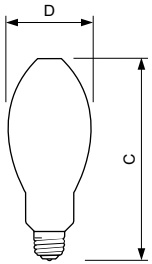
Mechanical and Housing	
Bulb Finish	Clear
Cap-Base Information	Brass [Brass Cap]

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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

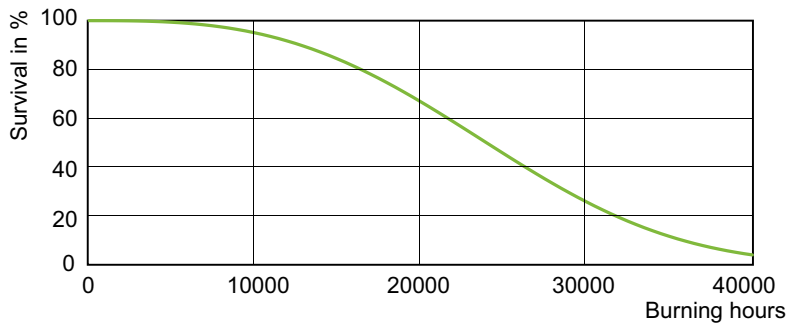
Dimensional drawing



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

