



MasterColor CDM ED17 Protected

MHC150/U/MP/3K 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

Cap-Base	Medium [Medium]
Operating Position	Universal [Universal]
Main Application	General Lighting (G)
Life To 50% Failures (Nom)	16000 h
ANSI Code HID	M142/M102/O
Features	ALTO® + FadeBlock™

• Light Technical

Color Code	830 [CCT of 3000K]
Luminous Flux (Rated) (Min)	11600 lm
Luminous Flux (Rated) (Nom)	12900 lm
Color Designation	Warm White (WW)
Lumen Maintenance - 40% Life	70 %
Lumen Maintenance - 10% Life	85 %
Design Mean Lumens	9030 lm
Chromaticity Coordinate X (Max)	0.443
Chromaticity Coordinate X (Min)	0.425
Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Max)	0.398
Chromaticity Coordinate Y (Min)	0.386
Chromaticity Coordinate Y (Nom)	0.392
Correlated Color Temperature (Nom)	3000 K

Luminous Efficacy (rated) (Min)	77.4 lm/W
Luminous Efficacy (rated) (Nom)	86 lm/W
Color Rendering Index (Min)	80
Color Rendering Index (Nom)	83

• 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 (CL)
Cap-Base Information	Brass [Brass Cap]
Bulb Material	Hard Glass

• Approval and Application

Picogram Per Lumen Hour	98.3 pg/lm.h
Mercury (Hg) Content (Max)	14.2 mg

• UV

Pet (Niosh) (Nom)	302.9 h/500lx
-------------------	---------------

PHILIPS

Damage Factor D/fc (Nom) 0.19

• Luminaire Design Requirements

Bulb Temperature (Max) 400 °C
 Cap-Base Temperature (Max) 190 °C

• Product Data

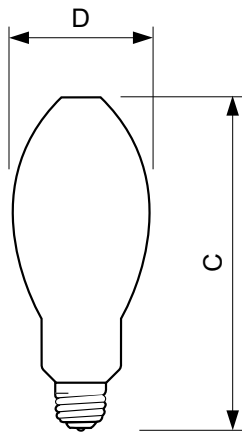
Order product name MHC150/U/MP/3K ALTO 12PK
 EAN/UPC - Product 046677134631
 Order code 134635
 Numerator - Quantity Per Pack 1
 Numerator - Packs per outer box 12
 Material Nr. (12NC) 928601171501
 Net Weight (Piece) 0.001 kg

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)

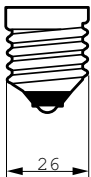
Dimensional drawing



MHC P 150W/830 E26 ED17P U ALTO+FB

Product	D	C
MHC150/U/MP/3K ALTO 12PK	2.125 in	5.438 in

E26 ED-17, ED-17P





© 2015 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2015, November 29
data subject to change