



# MasterColor CDM ED17 Standard

## MHC150/U/M/4K ALTO 12PK

Energy savings without changing a ballast! A high-efficiency enclosed E-rated CDM lighting solution that provides energy savings without compromising light quality.

### Product data

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

Light Technical	
Color Code	940 [ CCT of 4000K]
Luminous Flux (Rated) (Min)	12000 lm
Luminous Flux (Rated) (Nom)	13000 lm
Color Designation	Deluxe Cool White
Lumen Maintenance - 40% Life	78 %
Lumen Maintenance - 10% Life	86 %
Design Mean Lumens	10140 lm
Chromaticity Coordinate X (Max)	0.389
Chromaticity Coordinate X (Min)	0.371
Chromaticity Coordinate X (Nom)	0.380
Chromaticity Coordinate Y (Max)	0.371
Chromaticity Coordinate Y (Min)	0.359

Chromaticity Coordinate Y (Nom)	0.365
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (Rated) (Min)	80 lm/W
Luminous Efficacy (rated) (Nom)	88 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]
Bulb Material	Hard Glass

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## Approval and Application

Picogram Per Lumen Hour	56.2 pg/lm.h
Mercury (Hg) Content (Nom)	12.3 mg

## UV

Pet (Niosh) (Nom)	0.404 h.klx
Damage Factor D/fc (Nom)	0.257

## Luminaire Design Requirements

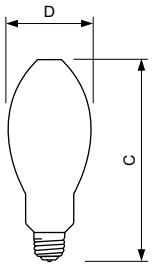
Bulb Temperature (Max)	400 °C
Cap-Base Temperature (Max)	190 °C

## Product Data

XUCDM.COPY.Product.Title	MHC150/U/M/4K ALTO 12PK
EAN/UPC - Product	046677377205
Order code	377200
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601170401
Net Weight (Piece)	0.060 kg

## Warnings and Safety

### Dimensional drawing

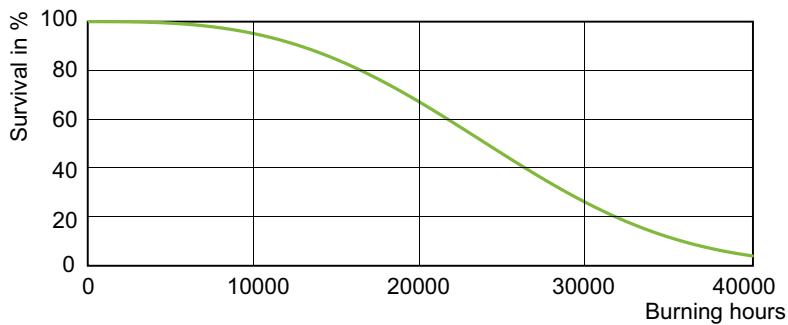


### Product

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MHC 150W/940 E26 ED17 U ALTO

## Lifetime



LDLE\_D-MHC-LW\_0005-Life expectancy diagram

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