



# 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	
Cap-Base	E26 [ Single Contact Medium Screw]
Bulb Shape	ED17 [ ED17]
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 (CL)
Cap-Base Information	Brass [ Brass Cap]

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<b>Bulb Material</b>	Hard Glass
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### Approval and Application

<b>Picogram Per Lumen Hour</b>	56.2 pg/lm.h
<b>Mercury (Hg) Content (Max)</b>	11.4 mg

### UV

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

### Luminaire Design Requirements

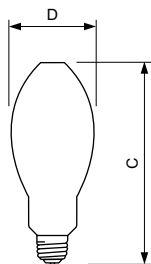
<b>Bulb Temperature (Max)</b>	400 °C
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<b>Cap-Base Temperature (Max)</b>	190 °C
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### Product Data

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

## Dimensional drawing



Product	D	C
MHC150/U/M/4K ALTO 12PK	2.125 in	5.438 in

MHC 150W/940 E26 ED17 U ALTO

