



MasterColor CDM ED17 Elite

MasterColor CDM MHC100/U/M/3K ELITE

MasterColor Ceramic Metal Halide ED-17 Elite lamps provide excellent lumen maintenance and outstanding performance over time in the familiar ED-17 lamp shape.

Product data

General Information	
Base	E26 [Single Contact Medium Screw]
Operating Position	Universal [Universal]
Main Application	General Lighting (G)
Life to 50% Failures (Nom)	16000 h
ANSI Code HID	C90/E
Features	ELITE

Light Technical	
Color Code	930 [CCT of 3000K]
Luminous Flux (Rated) (Min)	9900 lm
Luminous Flux (Rated) (Nom)	11000 lm
Color Designation	Warm White (WW)
Lumen Maintenance - 40% Life	80 %
Lumen Maintenance - 10% Life	95 %
Design Mean Lumens	8800 lm
Chromaticity Coordinate X (Max)	0.456
Chromaticity Coordinate X (Min)	0.438
Chromaticity Coordinate X (Nom)	0.447
Chromaticity Coordinate Y (Max)	0.406
Chromaticity Coordinate Y (Min)	0.394

Chromaticity Coordinate Y (Nom)	0.4
Correlated Color Temperature (Max)	- K
Correlated Color Temperature (Min)	- K
Correlated Color Temperature (Nom)	2900 K
Luminous Efficacy (Rated) (Min)	100 lm/W
Luminous Efficacy (rated) (Nom)	110 lm/W
Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90

Operating and Electrical	
Lamp Current (Nom)	1.1 A
Ignition Supply Voltage (Min)	235 V
Re-Ignition Time (Min) (Max)	6 min
Ignition Time (Max)	30 s
Voltage (Max)	110 V
Voltage (Min)	90 V
Voltage (Nom)	100 V

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

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Bulb Material	Hard Glass
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Approval and Application

Picogram Per Lumen Hour	88.8 pg/lm.h
Mercury (Hg) Content (Max)	12.5 mg

UV

Pet (Niosh) (Nom)	433 h/500lx
Damage Factor D/fc (Nom)	0.22

Luminaire Design Requirements

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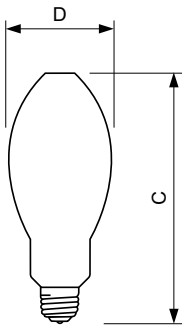
Cap-Base Temperature (Max)	190 °C
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Product Data

Order product name	MasterColor CDM MHC100/U/M/3K ELITE
EAN/UPC - Product	046677419516
Order code	419515
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601173502
Net Weight (Piece)	0.001 kg

Warnings and Safety

Dimensional drawing



MHC 100W/930 E26 BD17 CL U ELITE

Product

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Lifetime

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