



# MasterColor CDM ED17 Elite

## MasterColor CDM MHC100/C/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			
Cap-Base	E26 [ Single Contact Medium Screw]	Chromaticity Coordinate Y (Min)	0.394
Bulb Shape	BD17 [ BD17]	Chromaticity Coordinate Y (Nom)	0.4
Operating Position	Universal [ Universal]	Correlated Color Temperature (Max)	- K
Main Application	General Lighting (G)	Correlated Color Temperature (Min)	- K
Life To 50% Failures (Nom)	16000 h	Correlated Color Temperature (Nom)	2900 K
ANSI Code HID	C90/E	Luminous Efficacy (rated) (Min)	92 lm/W
Features	ELITE	Luminous Efficacy (rated) (Nom)	102 lm/W
Light Technical		Color Rendering Index (Min)	87
Color Code	930 [ CCT of 3000K]	Color Rendering Index (Nom)	90
Luminous Flux (Rated) (Min)	9200 lm	Operating and Electrical	
Luminous Flux (Rated) (Nom)	10200 lm	Lamp Current (Nom)	1.1 A
Color Designation	Warm White (WW)	Ignition Supply Voltage (Min)	235 V
Lumen Maintenance - 40% Life	80 %	Re-Ignition Time (Min) (Max)	6 min
Lumen Maintenance - 10% Life	95 %	Ignition Time (Max)	30 s
Design Mean Lumens	8160 lm	Voltage (Max)	112 V
Chromaticity Coordinate X (Max)	0.458	Voltage (Min)	90 V
Chromaticity Coordinate X (Min)	0.4	Voltage (Nom)	97 V
Chromaticity Coordinate X (Nom)	0.449	Mechanical and Housing	
Chromaticity Coordinate Y (Max)	0.406	Bulb Finish	Coated [ Coated glass (CO)]

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Cap-Base Information	Brass [ Brass Cap]
Bulb Material	Hard Glass

### Approval and Application

Picogram Per Lumen Hour	95.7 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

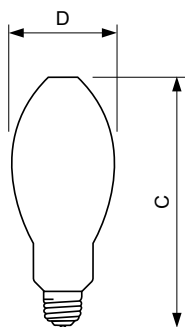
Bulb Temperature (Max)	400 °C
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Cap-Base Temperature (Max)	190 °C
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### Product Data

Order product name	MasterColor CDM MHC100/C/U/M 3K ELITE
EAN/UPC - Product	046677419523
Order code	419523
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601173602
Net Weight (Piece)	0.001 kg

## Dimensional drawing



MHC 100W/930 E26 BD17 CO U ELITE

Product	D	C
MasterColor CDM MHC100/C/U/M 3K ELITE	2.125 in	5.438 in

