MasterColor CDM ED17 Elite

MasterColor CDM MHC100/U/M/3K ELITE

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

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	C90/E
Features	ELITE

• Light Technical

Color Code	930 [CCT of 3000K]
Initial lumen (Min)	9900 lm
Initial lumen (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

Power (Rated) (Nom)	100 W
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 (CL)
Cap-Base Information	Brass [Brass Cap]
Bulb Material	Hard Glass

• Approval and Application

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

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MasterColor CDM ED17 Elite

- UV

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

- Luminaire Design Requirements

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

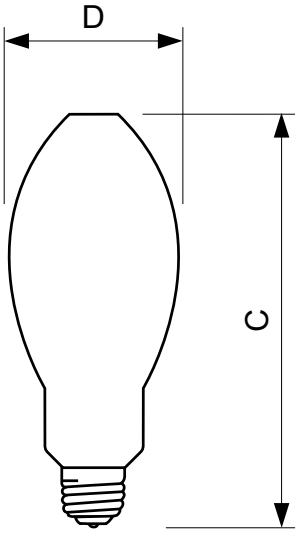
- Product Data

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

- 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)

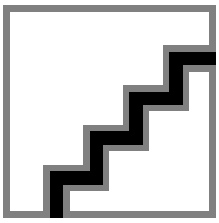
Dimensional drawing



BD17,E26

MHC 100W/930 E26 BD17 CL U ELITE

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



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data subject to change