



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	
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)	9200 lm
Luminous Flux (Rated) (Nom)	10200 lm
Color Designation	Warm White (WW)
Lumen Maintenance - 40% Life	80 %
Lumen Maintenance - 10% Life	95 %
Design Mean Lumens	8160 lm
Chromaticity Coordinate X (Max)	0.458
Chromaticity Coordinate X (Min)	0.4
Chromaticity Coordinate X (Nom)	0.449
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)	92 lm/W
Luminous Efficacy (rated) (Nom)	102 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)	112 V
Voltage (Min)	90 V
Voltage (Nom)	97 V

Mechanical and Housing	
Bulb Finish	Coated [Coated glass (CO)]
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	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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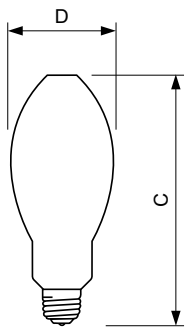
Product Data

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

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)
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

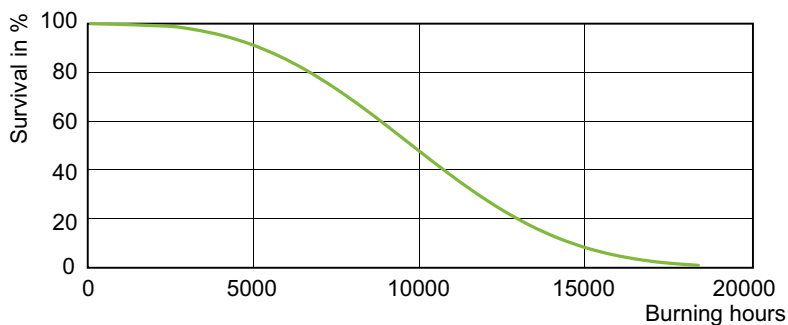
Dimensional drawing



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

MHC 100W/930 E26 BD17 CO U ELITE

Lifetime



MHC 100W /930 BD17

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