



MasterColor CDM ED17 Elite

MasterColor CDM MHC70/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]
Operating Position	Universal [Universal]
Main Application	General Lighting (G)
Life To 50% Failures (Nom)	16000 h
ANSI Code HID	C98/E
Features	ELITE

Light Technical	
Color Code	930 [CCT of 3000K]
Luminous Flux (Rated) (Min)	6900 lm
Luminous Flux (Rated) (Nom)	7700 lm
Color Designation	Warm White (WW)
Lumen Maintenance - 40% Life	80 %
Lumen Maintenance - 10% Life	95 %
Design Mean Lumens	6000 lm
Chromaticity Coordinate X (Max)	0.441
Chromaticity Coordinate X (Min)	0.423
Chromaticity Coordinate X (Nom)	0.432
Chromaticity Coordinate Y (Max)	0.409
Chromaticity Coordinate Y (Min)	0.397

Chromaticity Coordinate Y (Nom)	0.403
Correlated Color Temperature (Max)	- K
Correlated Color Temperature (Min)	- K
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Min)	100 lm/W
Luminous Efficacy (rated) (Nom)	110 lm/W
Color Rendering Index (Min)	84
Color Rendering Index (Nom)	89

Operating and Electrical	
Lamp Current (Nom)	0.91 A
Ignition Supply Voltage (Min)	235 V
Re-Ignition Time (Min) (Max)	8 min
Ignition Time (Max)	30 s
Voltage (Max)	110 V
Voltage (Min)	88 V
Voltage (Nom)	95 V

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

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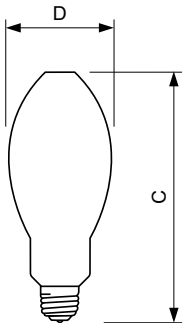
Bulb Material	Hard Glass
Approval and Application	
Picogram Per Lumen Hour	79.2 pg/lm.h
Mercury (Hg) Content (Max)	7.6 mg
UV	
Pet (Niosh) (Nom)	285 h/500lx
Damage Factor D/fc (Nom)	0.27
Luminaire Design Requirements	
Bulb Temperature (Max)	400 °C

Cap-Base Temperature (Max)	190 °C
Product Data	
Order product name	MasterColor CDM MHC70/U/M/3K ELITE
EAN/UPC - Product	046677419479
Order code	419473
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601173302
Net Weight (Piece)	0.070 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



MHC 70W/930 E26 BD17 CL U ELITE

Product	D	C
MasterColor CDM MHC70/U/M/3K ELITE	2.125 in	5.438 in

