



# 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.

### 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](http://www.lamprecycle.org) or 1-800-555-0050

### Product data

General information		Color Designation	
Base	E26 [ Single Contact Medium Screw]	Color Designation	Warm White (WW)
Operating Position	Universal [ Universal]	Lumen Maintenance - 40% Life	80 %
Main Application	General Lighting (G)	Lumen Maintenance - 10% Life	95 %
Life to 50% Failures (Nom)	16000 h	Design Mean Lumens	6000 lm
ANSI Code HID	C98/E	Chromaticity Coordinate X (Max)	0.441
Features	ELITE	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

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Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (Rated) (Min)	100 lm/W
Luminous Efficacy (rated) (Nom)	105 lm/W
Color Rendering Index (Min)	84
Color Rendering Index (Nom)	89

## Operating and electrical

Power (Rated) (Nom)	70.4 W
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
Cap-Base Information	Brass [ Brass Cap]
Bulb Material	Hard Glass
Bulb Shape	BD17 [ BD17]

## Approval and application

Picogram Per Lumen Hour	79.2 pg/lm.h
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Mercury (Hg) Content (Max)	7.6 mg
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## UV

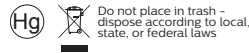
Pet (Niosh) (Nom)	285 h/500lx
Damage Factor D/fc (Nom)	0.27

## Luminaire design requirements

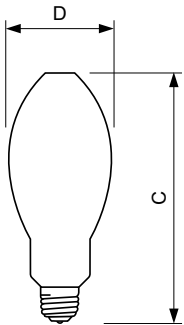
Bulb Temperature (Max)	400 °C
Cap-Base Temperature (Max)	190 °C

## 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



## Dimensional drawing



MasterColor CDM MHC70/U/M/3K ELITE

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

