



# MasterColor CDM ED17 Protected Elite 4200K

## MHC70/U/MP/4K ELITE

MasterColor Elite Protected Ceramic Metal Halide ED-17 4200K Lamps provide excellent lumen maintenance and outstanding performance over time in a protected lamp.

### Product data

General Information	
Cap-Base	E26 [ Single Contact Medium Screw]
Bulb Shape	ED-17P [ ED-17P Protected]
Operating Position	UNIVERSAL [ Any or Universal (U)]
Main Application	General Lighting (G)
Life To 50% Failures (Nom)	20000 h
ANSI Code HID	C98/O
Features	ELITE

Light Technical	
Color Code	940 [ CCT of 4000K]
Luminous Flux (Rated) (Min)	5900 lm
Luminous Flux (Rated) (Nom)	6500 lm
Color Designation	Cool White (CW)
Lumen Maintenance - 40% Life	80 %
Lumen Maintenance - 10% Life	90 %
Design Mean Lumens	4960 lm
Chromaticity Coordinate X (Max)	0.450
Chromaticity Coordinate X (Min)	0.432
Chromaticity Coordinate X (Nom)	0.441
Chromaticity Coordinate Y (Max)	0.402

Chromaticity Coordinate Y (Min)	0.390
Chromaticity Coordinate Y (Nom)	0.392
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Min)	85 lm/W
Luminous Efficacy (rated) (Nom)	88 lm/W
Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90

Operating and Electrical	
Lamp Current (Nom)	0.9 A
Ignition Supply Voltage (Min)	235 V
Re-Ignition Time (Min) (Max)	8 min
Ignition Time (Max)	10 s
Voltage (Max)	115 V
Voltage (Min)	95 V
Voltage (Nom)	100 V

Mechanical and Housing	
Bulb Finish	Clear
Cap-Base Information	Brass Cap

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Bulb Material	Hard Glass
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## Approval and Application

Picogram Per Lumen Hour	76 pg/lm.h
Mercury (Hg) Content (Max)	7.1 mg

## UV

Pet (Niosh) (Nom)	347 h/500lx
Damage Factor D/fc (Nom)	0.28

## Luminaire Design Requirements

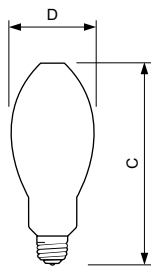
Bulb Temperature (Max)	400 °C
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Cap-Base Temperature (Max)	190 °C
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## Product Data

Order product name	MHC70/U/MP/4K ELITE
EAN/UPC - Product	046677429959
Order code	928601177901
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601177901
Net Weight (Piece)	0.070 kg

## Dimensional drawing



Product	D	C
MHC70/U/MP/4K ELITE	2.125 in	5.438 in

MHC P 70W/940 E26 ED17P CL U ELITE

