



MasterColor CDM ED17 Elite 4200K

MHC50/U/M/4K ELITE

MasterColor Elite Ceramic Metal Halide ED-17 4200K 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)	20000 h
ANSI Code HID	C110/E
Features	ELITE

Light Technical	
Color Code	842 [CCT of 4200K]
Luminous Flux (Rated) (Min)	4500 lm
Luminous Flux (Rated) (Nom)	5000 lm
Color Designation	Cool White (CW)
Lumen Maintenance - 40% Life	80 %
Lumen Maintenance - 10% Life	90 %
Design Mean Lumens	3800 lm
Chromaticity Coordinate X (Max)	0.380
Chromaticity Coordinate X (Min)	0.365
Chromaticity Coordinate X (Nom)	0.371
Chromaticity Coordinate Y (Max)	0.375
Chromaticity Coordinate Y (Min)	0.363

Chromaticity Coordinate Y (Nom)	0.369
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (Rated) (Min)	90 lm/W
Luminous Efficacy (rated) (Nom)	95 lm/W
Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90

Operating and Electrical	
Lamp Current (Nom)	0.68 A
Re-Ignition Time (Min) (Max)	8 min
Ignition Time (Max)	30 s
Voltage (Max)	95 V
Voltage (Min)	80 V
Voltage (Nom)	85 V

Mechanical and Housing	
Bulb Finish	Clear
Cap-Base Information	Brass [Brass Base]
Bulb Material	Hard Glass

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Approval and Application

Picogram Per Lumen Hour	74 pg/lm.h
Mercury (Hg) Content (Max)	5.4 mg

UV

Pet (Niosh) (Nom)	65 h/500lx
Damage Factor D/fc (Nom)	0.66

Luminaire Design Requirements

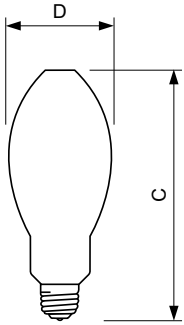
Bulb Temperature (Max)	400 °C
Cap-Base Temperature (Max)	190 °C

Product Data

Order product name	MHC50/U/M/4K ELITE
EAN/UPC - Product	046677429928
Order code	429928
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601177201
Net Weight (Piece)	0.060 kg

Warnings and Safety

Dimensional drawing



MHC 50W/842 E26 BD17 CL U ELITE

Product

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