MasterColor CDM ED17 Elite 4200K

MHC100/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]
Bulb Shape	BD17 [BD17]
Operating Position	Universal [Universal]
Main Application	General Lighting (G)
Life To 50% Failures (Nom)	20000 h
ANSI Code HID	C90/E
Features	ELITE

Light Technical	
Color Code	942 [CCT of 4200K]
Luminous Flux (Rated) (Min)	9000 lm
Luminous Flux (Rated) (Nom)	10000 lm
Color Designation	Cool White (CW)
Lumen Maintenance - 40% Life	80 %
Lumen Maintenance - 10% Life	90 %
Design Mean Lumens	8000 lm
Chromaticity Coordinate X (Max)	0.388
Chromaticity Coordinate X (Min)	0.370
Chromaticity Coordinate X (Nom)	0.379
Chromaticity Coordinate Y (Max)	0.377
Chromaticity Coordinate Y (Min)	0.365
Chromaticity Coordinate Y (Nom)	0.371
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Min)	96 lm/W
Luminous Efficacy (rated) (Nom)	100 lm/W
Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90

Operating and Electrical	
Lamp Current (Nom)	1.1 A
Re-Ignition Time (Min) (Max)	6 min
Ignition Time (Max)	30 s
Voltage (Max)	108 V
Voltage (Min)	91 V
Voltage (Nom)	98 V

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

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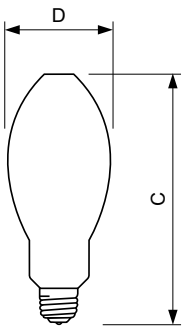
Approval and Application	
Picogram Per Lumen Hour	64 pg/lm.h
Mercury (Hg) Content (Max)	9.9 mg

UV	
Pet (Niosh) (Nom)	231 h/500lx
Damage Factor D/fc (Nom)	0.45

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

Product Data	
Order product name	MHC100/U/M/4K ELITE
EAN/UPC - Product	046677429881
Order code	429886
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601177601
Net Weight (Piece)	0.060 kg

Dimensional drawing



MHC 100W/942 E26 BD17 CL U ELITE

Product	D	C
MHC100/U/M/4K ELITE	2.125 in	5.438 in

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