



MasterColor CDM ED17 Protected Elite 4200K

MHC100/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		Light Technical	
Cap-Base	E26 [Single Contact Medium Screw]	Chromaticity Coordinate Y (Max)	0.377
Operating Position	Universal [Universal]	Chromaticity Coordinate Y (Min)	0.362
Main Application	General Lighting (G)	Chromaticity Coordinate Y (Nom)	0.371
Life to 50% Failures (Nom)	20000 h	Correlated Color Temperature (Nom)	4000 K
ANSI Code HID	C90/O	Luminous Efficacy (Rated) (Min)	91 lm/W
Features	ELITE	Luminous Efficacy (rated) (Nom)	94 lm/W
		Color Rendering Index (Min)	87
		Color Rendering Index (Nom)	90
Light Technical		Operating and Electrical	
Color Code	940 [CCT of 4000K]	Lamp Current (Nom)	1.1 A
Luminous Flux (Rated) (Min)	8500 lm	Ignition Supply Voltage (Min)	235 V
Luminous Flux (Rated) (Nom)	9400 lm	Re-Ignition Time (Min) (Max)	10 min
Color Designation	Cool White (CW)	Ignition Time (Max)	10 s
Lumen Maintenance - 40% Life	80 %	Voltage (Max)	118 V
Lumen Maintenance - 10% Life	90 %	Voltage (Min)	93 V
Design Mean Lumens	7520 lm	Voltage (Nom)	103 V
Chromaticity Coordinate X (Max)	0.391		
Chromaticity Coordinate X (Min)	0.373		
Chromaticity Coordinate X (Nom)	0.382		

MasterColor CDM ED17 Protected Elite 4200K

Mechanical and Housing

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

Approval and Application

Picogram Per Lumen Hour	68 pg/lm.h
Mercury (Hg) Content (Max)	10.3 mg

UV

Pet (Niosh) (Nom)	387 h/500lx
Damage Factor D/fc (Nom)	0.28

Luminaire Design Requirements

Bulb Temperature (Max)	400 °C
------------------------	--------

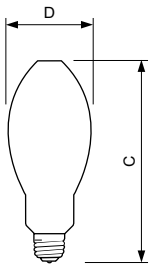
Cap-Base Temperature (Max)	190 °C
----------------------------	--------

Product Data

Order product name	MHC100/U/MP/4K ELITE
EAN/UPC - Product	046677429935
Order code	429936
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601178101
Net Weight (Piece)	0.070 kg

Warnings and Safety

Dimensional drawing



Product	D	C (max)
MHC100/U/MP/4K ELITE	2.125 in	5.438 in

MHC P 100W/940 E26 ED17P CL U ELITE

