

MasterColor CDM ED17 Protected Elite 4200K

MHC100/U/MP/4K ELITE

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

Product data

General Information	
Cap-Base	E26 [Single Contact Medium Screw]
Bulb Shape	ED17P [ED17P]
Operating Position	Universal [Universal]
Main Application	General Lighting (G)
Life To 50% Failures (Nom)	20000 h
ANSI Code HID	C90/O
Features	ELITE

Light Technical	
Color Code	940 [CCT of 4000K]
Luminous Flux (Rated) (Min)	8500 lm
Luminous Flux (Rated) (Nom)	9400 lm
Color Designation	Cool White (CW)
Lumen Maintenance - 40% Life	80 %
Lumen Maintenance - 10% Life	90 %
Design Mean Lumens	7520 lm
Chromaticity Coordinate X (Max)	0.391
Chromaticity Coordinate X (Min)	0.373
Chromaticity Coordinate X (Nom)	0.382
Chromaticity Coordinate Y (Max)	0.377
Chromaticity Coordinate Y (Min)	0.362
Chromaticity Coordinate Y (Nom)	0.371
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Min)	91 lm/W
Luminous Efficacy (rated) (Nom)	94 lm/W
Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90

Operating and Electrical	
Lamp Current (Nom)	1.1 A
Ignition Supply Voltage (Min)	235 V
Re-Ignition Time (Min) (Max)	10 min
Ignition Time (Max)	10 s
Voltage (Max)	118 V
Voltage (Min)	93 V
Voltage (Nom)	103 V

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

MasterColor CDM ED17 Protected Elite 4200K

Bulb Material	Hard Glass

Cap-Base Temperature (Max)	190 °C

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

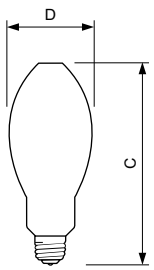
Luminaire Design Requirements

Bulb Temperature (Max)	400 °C

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

Dimensional drawing



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

MHC P 100W/940 E26 ED17P CL U ELITE

© 2016 Philips Lighting Holding B.V. All rights reserved. Philips Lighting reserves the right to make changes in specifications and/or to discontinue any product at any timewithout notice or obligation and will not be liable for any consequences resulting from the use of this publication.