

MasterColor CDM ED17 Protected

MHC100/U/MP/3K ELITE

Direct retrofit with immediate energy savings!Range of protected, high-efficiency long life ceramic metal halide lamps with a stable color over lifetime and a crisp, sparkling light to be used in open fixtures.

Product data

General Information	
Cap-Base	E26 [Single Contact Medium Screw]
Bulb Shape	ED17P [ED17P]
Operating Position	Universal [Universal]
Main Application	General and Street Lighting
Life To 50% Failures (Nom)	16000 h
ANSI Code HID	C90/O
Features	ELITE
Footnotes HID 1	Exclusive to Philips Lighting Company.

Light Technical	
Color Code	930 [CCT of 3000K]
Luminous Flux (Rated) (Min)	9000 lm
Luminous Flux (Rated) (Nom)	10000 lm
Color Designation	Warm White (WW)
Lumen Maintenance - 40% Life	90 %
Lumen Maintenance - 10% Life	95 %
Design Mean Lumens	9500 lm
Chromaticity Coordinate X (Max)	0.443
Chromaticity Coordinate X (Min)	0.425
Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Max)	0.407
Chromaticity Coordinate Y (Min)	0.395
Chromaticity Coordinate Y (Nom)	0.401
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Min)	94 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
Ignition Supply Voltage (Min)	235 V
Re-Ignition Time (Min) (Max)	10 min
Ignition Time (Max)	10 s
Voltage (Max)	115 V
Voltage (Min)	87 V
Voltage (Nom)	101 V

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

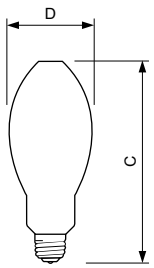
Approval and Application	
Picogram Per Lumen Hour	72.4 pg/lm.h
Mercury (Hg) Content (Max)	11.0 mg

UV	
Pet (Niosh) (Nom)	1542 h/500lx
Damage Factor D/fc (Nom)	0.12

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

Product Data	
Order product name	MHC100/U/MP/3K ELITE
EAN/UPC - Product	046677423674
Order code	423673
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601174001
Net Weight (Piece)	0.001 kg

Dimensional drawing



Product	D	C
MHC100/U/MP/3K ELITE	2.125 in	5.438 in

MHC P 100W/930 E26 ED17P CL U ELITE

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