



MasterColor CDM ED17 Protected

MHC50/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	
Base	E26 [Single Contact Medium Screw]
Operating Position	Universal [Universal]
Main Application	General Lighting (G)
Life to 50% Failures (Nom)	16000 h
ANSI Code HID	C110/O
Features	ELITE
Footnotes HID 1	Exclusive to Philips Lighting Company.

Light Technical	
Color Code	930 [CCT of 3000K]
Luminous Flux (Rated) (Min)	4400 lm
Luminous Flux (Rated) (Nom)	4800 lm
Color Designation	Warm White (WW)
Lumen Maintenance - 40% Life	90 %
Lumen Maintenance - 10% Life	95 %
Design Mean Lumens	4300 lm
Chromaticity Coordinate X (Max)	0.444
Chromaticity Coordinate X (Min)	0.426
Chromaticity Coordinate X (Nom)	0.435
Chromaticity Coordinate Y (Max)	0.399

Chromaticity Coordinate Y (Min)	0.387
Chromaticity Coordinate Y (Nom)	0.393
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (Rated) (Min)	88 lm/W
Luminous Efficacy (rated) (Nom)	96 lm/W
Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90

Operating and Electrical	
Lamp Current (Nom)	0.59 A
Ignition Supply Voltage (Min)	235 V
Re-Ignition Time (Min) (Max)	8 min
Ignition Time (Max)	10 s
Voltage (Max)	110 V
Voltage (Min)	87 V
Voltage (Nom)	95 V

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

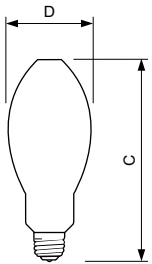
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Bulb Material	Hard Glass
Approval and Application	
Picogram Per Lumen Hour	103.9 pg/lm.h
Mercury (Hg) Content (Max)	6.6 mg
UV	
Pet (Niosh) (Nom)	982 h/500lx
Damage Factor D/fc (Nom)	0.13
Luminaire Design Requirements	
Bulb Temperature (Max)	400 °C

Cap-Base Temperature (Max)	190 °C
Product Data	
Order product name	MHC50/U/MP/3K ELITE
EAN/UPC - Product	046677423681
Order code	423681
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601173701
Net Weight (Piece)	0.001 kg

Warnings and Safety

Dimensional drawing



Product	D	C (max)
MHC50/U/MP/3K ELITE	2.125 in	5.438 in

MHC P 50W/930 E26 ED17P CL U ELITE

Lifetime

