



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]
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

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

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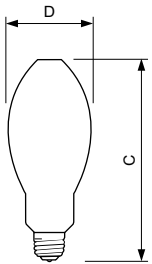
Bulb Material	Hard Glass
Approval and Application	
Picogram Per Lumen Hour	72.4 pg/lm.h
Mercury (Hg) Content (Max)	11.0 mg
UV	
Pet (Niosh) (Nom)	1542 h/500lx
Damage Factor D/fc (Nom)	0.12
Luminaire Design Requirements	
Bulb Temperature (Max)	400 °C

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

Warnings and Safety

- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

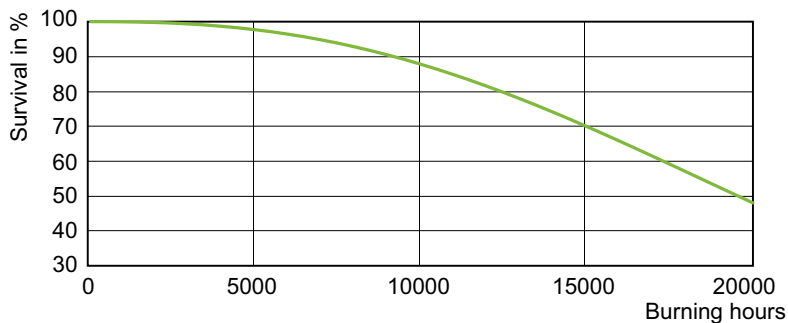
Dimensional drawing



Product	C (max)	
MHC100/U/MP/3K ELITE	2.125 in	5.438 in

MHC P 100W/930 E26 ED17P CL U ELITE

Lifetime



MHC P 100W /930 ED17P

