



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.

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

Product data

General Information		
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		
Light Technical Color Code	930 [CCT of 3000K]	
Color Code	930 [CCT of 3000K]	
Color Code Luminous Flux (Rated) (Min)	930 [CCT of 3000K] 9000 lm	

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

Datasheet, 2021, February 28 data subject to change

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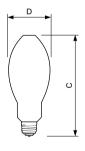
Color Rendering Index (Nom)	90		
Operating and Electrical			
<u> </u>			
Lamp Current (Nom)	1.1 A		
Ignition Supply Voltage (Min)	235 V		
Re-Ignition Time (Min) (Max)	10 min		
Ignition Time (Max)	10 s		
Voltage (Max)	115 V		
Voltage (Min)	87 V		
Voltage (Nom)	101 V		
Mechanical and Housing			
Bulb Finish	Clear		
Cap-Base Information	Brass [Brass Cap]	Brass [Brass Cap]	
Bulb Material	Hard Glass	Hard Glass	
Bulb Shape	ED17P [ED17P]		
Annuary and Angliantian			
Approval and Application			
Picogram Per Lumen Hour	72.4 pg/lm.h		

10.1 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

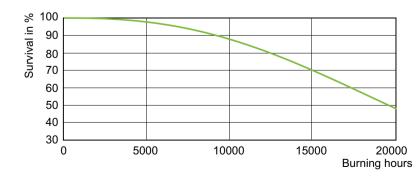
Mercury (Hg) Content (Max)



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

MHC P 100W/930 E26 ED17P CL U ELITE

Lifetime



LDLE_D-MHC-P_0005-Life expectancy diagram

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