PHILIPS Lighting



MasterColor CDM ED17 Protected

MHC70/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

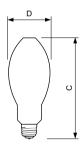
Concernel Information		1	22.%
General Information		Lumen Maintenance - 40% Life	90 %
Base	E26 [Single Contact Medium Screw]	Lumen Maintenance - 10% Life	95 %
Operating Position	Universal [Universal]	Design Mean Lumens	6400 lm
Main Application	General and Street Lighting	Chromaticity Coordinate X (Max)	0.379
Life to 50% Failures (Nom)	16000 h	Chromaticity Coordinate X (Min)	0.361
ANSI Code HID	C98/O	Chromaticity Coordinate X (Nom)	0.370
Features	ELITE	Chromaticity Coordinate Y (Max)	0.368
Footnotes HID 1	Exclusive to Philips Lighting Company.	Chromaticity Coordinate Y (Min)	0.356
		Chromaticity Coordinate Y (Nom)	0.362
Light Technical		Correlated Color Temperature (Nom)	2900 K
Color Code	930 [CCT of 3000K]	Luminous Efficacy (Rated) (Min)	87 lm/W
Luminous Flux (Rated) (Min)	6100 lm	Luminous Efficacy (rated) (Nom)	95 lm/W
Luminous Flux (Rated) (Nom)	6700 lm	Color Rendering Index (Min)	87
Color Designation	Warm White (WW)		

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Color Rendering Index (Nom)	90		
Operating and Electrical			
Power (Rated) (Nom)	70.4 W		
Lamp Current (Nom)	0.92 A		
Ignition Supply Voltage (Min)	235 V		
Re-Ignition Time (Min) (Max)	8 min		
Ignition Time (Max)	10 s		
Voltage (Max)	120 V		
Voltage (Min)	92 V		
Voltage (Nom)	100 V		
Mechanical and Housing			
Bulb Finish	Clear		
Cap-Base Information	Brass [Brass Cap]		
Bulb Material	Hard Glass		
Bulb Shape	ED17P [ED17P]		
Approval and Application			
Picogram Per Lumen Hour	88.6 pg/lm.h		

Mercury (Hg) Content (Max)	8 mg			
UV				
Pet (Niosh) (Nom)	1045 h/500lx			
Damage Factor D/fc (Nom)	0.14			
Luminaire Design Requirements				
Bulb Temperature (Max)	400 °C			
Cap-Base Temperature (Max)	190 °C			
Product Data				
Order product name	MHC70/U/MP/3K ELITE			
EAN/UPC - Product	046677423704			
Order code	423707			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	12			
Material Nr. (12NC)	928601173801			
Net Weight (Piece)	0.001 kg			

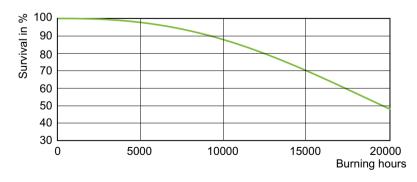
Dimensional drawing



Product	D	C (max)
MHC70/U/MP/3K ELITE	2.125 in	5.438 in

MHC P 70W/930 E26 ED17P CL U ELITE

Lifetime



LDLE_D-MHC-P_0004-Life expectancy diagram

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www.lighting.philips.com 2021, February 28 - data subject to change