



# 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.

### Product data

General Information			
Cap-Base	E26 [ Single Contact Medium Screw]	Chromaticity Coordinate Y (Max)	0.368
Operating Position	Universal [ Universal]	Chromaticity Coordinate Y (Min)	0.356
Main Application	General and Street Lighting	Chromaticity Coordinate Y (Nom)	0.362
Life To 50% Failures (Nom)	16000 h	Correlated Color Temperature (Nom)	2900 K
ANSI Code HID	C98/O	Luminous Efficacy (rated) (Min)	87 lm/W
Features	ELITE	Luminous Efficacy (rated) (Nom)	95 lm/W
Footnotes HID 1	Exclusive to Philips Lighting Company.	Color Rendering Index (Min)	87
		Color Rendering Index (Nom)	90
Light Technical		Operating and Electrical	
Color Code	930 [ CCT of 3000K]	Lamp Current (Nom)	0.92 A
Luminous Flux (Rated) (Min)	6100 lm	Ignition Supply Voltage (Min)	235 V
Luminous Flux (Rated) (Nom)	6700 lm	Re-Ignition Time (Min) (Max)	8 min
Color Designation	Warm White (WW)	Ignition Time (Max)	10 s
Lumen Maintenance - 40% Life	90 %	Voltage (Max)	120 V
Lumen Maintenance - 10% Life	95 %	Voltage (Min)	92 V
Design Mean Lumens	6400 lm	Voltage (Nom)	100 V
Chromaticity Coordinate X (Max)	0.379		
Chromaticity Coordinate X (Min)	0.361	Mechanical and Housing	
Chromaticity Coordinate X (Nom)	0.370	Bulb Finish	Clear (CL)

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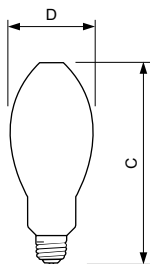
Cap-Base Information	Brass [ Brass Cap]
Bulb Material	Hard Glass
<b>Approval and Application</b>	
Picogram Per Lumen Hour	88.6 pg/lm.h
Mercury (Hg) Content (Max)	7.6 mg
<b>UV</b>	
Pet (Niosh) (Nom)	1045 h/500lx
Damage Factor D/fc (Nom)	0.14
<b>Luminaire Design Requirements</b>	
Bulb Temperature (Max)	400 °C

Cap-Base Temperature (Max)	190 °C
<b>Product Data</b>	
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

### 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)

### Dimensional drawing



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

MHC P 70W/930 E26 ED17P CL U ELITE

