



# MasterColor CDM ED17 Elite

MasterColor CDM 100W ED17 U ELITE

MasterColor Ceramic Metal Halide ED-17 Elite lamps provide excellent lumen maintenance and outstanding performance over time in the familiar ED-17 lamp shape.

## Product data

### • General Characteristics

Base	Medium [Single Contact Medium Screw]
Base Information	Brass [Brass Base]
Bulb	ED17
Bulb Material	Hard Glass
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Main Application	General and Street Lighting
RatedAvgLife(See Family Notes)	16000 hr

### • Light Technical Characteristics

Color Code	930 [CCT of 3000K]
Color Rendering Index	88 (min), 90 (nom) Ra8
Color Designation	Warm White
Color Temperature	3000 K
Color Temperature technical	3000 K
Initial Lumens	10000 Lm
Luminous Efficacy	100 Lm/W
Lamp EM	
Lumen Maintenance - 10% life	95 %
Lumen Maintenance - 40% life	90 %
Design Mean Lumens	8000 Lm
Chromaticity Coordinate X	0.426 (min), 0.435 (nom), 0.444 (max)
Chromaticity Coordinate Y	0.394 (min), 0.400 (nom), 0.406 (max)

### • Electrical Characteristics

Watts	100 W
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Lamp Voltage	101 V
Lamp Current	1.1 A
Ignition Time	10 (max) s
Re-ignition Time [min]	10 (max) min

### • Environmental Characteristics

Mercury (Hg) Content	12.5 (max) mg
Picogram per Lumen Hour	93.4 p/LuHr

### • UV-related Characteristics

Damage Factor D/fc	0.11 -
PET (NIOSH)	1542 h500lx
UV A	3.0 mW/cm <sup>2</sup>
UV B	0 mW/cm <sup>2</sup>
UV C	0 mW/cm <sup>2</sup>

### • Luminaire Design Requirements

Cap-Base Temperature	190 (max) C
Bulb Temperature	400 (max) C

### • Product Dimensions

Light Center Length L	3.39 in
Max Overall Length (MOL) - C	5.438 (max) in
Diameter D	2.125 in

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sense and simplicity

## MasterColor CDM ED17 Elite

### • Footnotes

Footnotes HID 902 [Exclusive to Philips Lighting Company.]

### • Product Data

Product number 423673  
Full product name MasterColor CDM 100W ED17 U ELITE

Short product name MHC100/U/MP/3K ELITE  
Pieces per Sku 1  
Skus/Case 12  
Bar code on pack 46677423674  
Bar code on case 50046677423679  
Logistics code(s) 928601174001  
eop\_net\_weight\_pp 0.001 kg

## Warnings and Safety

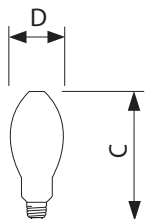
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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

### MasterColor CDM 100W ED17 U ELITE

Product	C (Max)	D (Norm)
MHC 100W/930 E26 ED17 CL U ELITE	5.438	2.125



E26



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data subject to change