

# MasterColor CDM ED17 Elite

MasterColor CDM 100W ED17 CO 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	Coated
Operating Position	Universal [Any or Universal (U)]
Main Application	General and Street Lighting
RatedAvgLife(See Family Notes)	16000 hr

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

### • 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	9200 Lm
Luminous Efficacy	92 Lm/W
Lamp EM	
Lumen Maintenance - 10% life	95 %
Lumen Maintenance - 40% life	90 %
Design Mean Lumens	7360 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)

### • UV-related Characteristics

Damage Factor D/fc	0.11 -
PET (NIOSH)	1542 h500lx
UV A	3 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

Max Overall Length (MOL) - C	5.438 (max) in
Diameter D	2.125 in

### • Footnotes

Footnotes HID	902 [Exclusive to Philips Lighting Company.]
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### • Electrical Characteristics

Watts	100 W
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• Product Data

Product number 423715  
 Full product name MasterColor CDM 100W ED17 CO U ELITE  
 Short product name MHC100/C/U/MP/3K ELITE

Pieces per Sku 1  
 Skus/Case 12  
 Bar code on pack 46677423711  
 Bar code on case 50046677423716  
 Logistics code(s) 928601174101  
 eop\_net\_weight\_pp 0.001 kg

Warnings and Safety

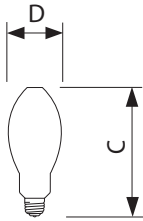
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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 CO U ELITE

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



E26



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data subject to change