



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

• 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 Lamp EM	92 Lm/W
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)

• 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 mW/cm ²
UV B	0 mW/cm ²
UV C	0 mW/cm ²

• 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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MasterColor CDM ED17 Elite

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

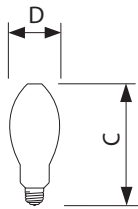
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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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2013, January 23
data subject to change