



MasterColor CDM ED17 Elite 4200K

MasterColor CDM 100W BD17 CL U ELITE/4K

MasterColor Elite Ceramic Metal Halide ED-17 4200K 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	BD17
Bulb Material	Hard Glass
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Main Application	General Lighting
RatedAvgLife(See Family Notes)	20000 hr

Lamp Voltage	98 V
Lamp Current	1.1 A
Ignition Time	30 (max) s
Re-ignition Time [min]	6 (max) min

• Environmental Characteristics

Mercury (Hg) Content	9.9 (max) mg
Picogram per Lumen Hour	64 p/LuHr

• Light Technical Characteristics

Color Code	942 [CCT of 4200K]
Color Rendering Index	87 (min), 90 (nom) Ra8
Color Designation	Cool White
Color Temperature	4200 K
Color Temperature technical	4100 K
Initial Lumens	10000 Lm
Luminous Efficacy	100 Lm/W
Lamp EM	
Lumen Maintenance - 10% life	90 %
Lumen Maintenance - 40% life	80 %
Design Mean Lumens	8000 Lm
Chromaticity Coordinate X	0.370 (min), 0.379 (nom), 0.388 (max)
Chromaticity Coordinate Y	0.365 (min), 0.371 (nom), 0.377 (max)

• UV-related Characteristics

Damage Factor D/fc	0.45 -
PET (NIOSH)	231 h500lx
UV A	17 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

Light Center Length L	3.44 in
Max Overall Length (MOL) - C	5.438 (max) in
Diameter D	2.125 in

• Electrical Characteristics

Watts	100 W
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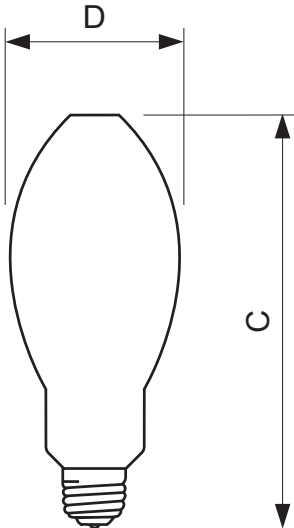
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• Product Data

Product number 429886
Full product name MasterColor CDM 100W BD17 CL U ELITE/4K
Short product name MHC100/U/M/4K ELITE
Pieces per Sku 1

eop_pck_cfg 12
Skus/Case 12
Bar code on pack 46677429881
Bar code on case 50046677429886
Logistics code(s) 928601177601
eop_net_weight_pp 0.060 kg

Dimensional drawing



E26

MasterColor CDM 100W BD17 CL U ELITE/4K

Product	C (Max)	D (Norm)
MHC 100W/942 E26 BD17 CL U ELITE	5.438	2.125



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data subject to change