



# 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	88 (min), 91 (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	0.366 (min), 0.375 (nom), 0.384 (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 <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	3.44 in
Max. Overall Length (MOL) - C	5.438 (max) in
Diameter D	2.125 in

### • Electrical Characteristics

Energy Used	100 W
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**PHILIPS**

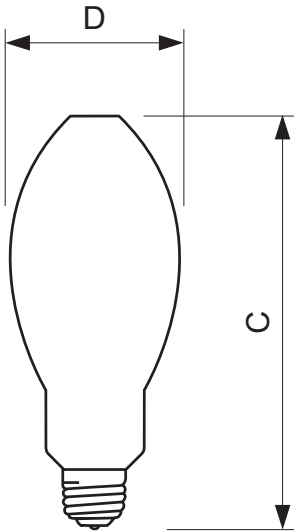
# MasterColor CDM ED17 Elite 4200K

## • Product Data

Order code 928601177601  
Full product code 928601177601  
Full product name MasterColor CDM 100W BD17 CL U ELITE/4K  
Order product name MHC100/U/M/4K ELITE  
Pieces per pack 1  
Packing configuration 12

Packs per outerbox 12  
Bar code on pack - EAN1 46677429881  
Bar code on outerbox - EAN3 50046677429886  
Logistic code(s) - 12NC 928601177601  
Net weight per piece 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