



# MasterColor CDM ED17 Elite 4200K

MasterColor CDM 70W 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	95 V
Lamp Current	0.91 A
Ignition Time	30 (max) s
Re-ignition Time [min]	8 (max) min

### • Environmental Characteristics

Mercury (Hg) Content	7.1 (max) mg
Picogram per Lumen Hour	71 p/LuHr

### • Light Technical Characteristics

Color Code	842 [CCT of 4200K]
Color Rendering Index	85 (min), 88 (nom) Ra8
Color Designation	Cool White
Color Temperature	4200 K
Color Temperature technical	4300 K
Initial Lumens	6800 Lm
Luminous Efficacy	95 Lm/W
Lamp EM	
Lumen Maintenance - 10% life	90 %
Lumen Maintenance - 40% life	80 %
Design Mean Lumens	5280 Lm
Chromaticity Coordinate X	0.361 (min), 0.37 (nom), 0.379 (max)
Chromaticity Coordinate Y	0.354 (min), 0.360 (nom), 0.366 (max)

### • UV-related Characteristics

Damage Factor D/fc	0.3 -
PET (NIOSH)	95 h500lx
UV A	23.3 mW/cm <sup>2</sup>
UV B	0.2 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	3.438 in
Max Overall Length (MOL) - C	5.438 (max) in
Diameter D	2.125 in

### • Electrical Characteristics

Watts	70 W
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**PHILIPS**

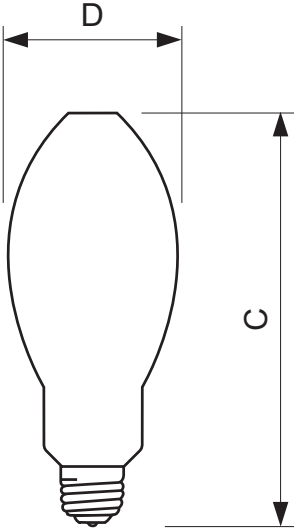
# MasterColor CDM ED17 Elite 4200K

## • Product Data

Product number 429902  
Full product name MasterColor CDM 70W BD17 CL U ELITE/4K  
Short product name MHC70/U/M/4K ELITE  
Pieces per Sku 1

eop\_pck\_cfg 12  
Skus/Case 12  
Bar code on pack 46677429904  
Bar code on case 50046677429909  
Logistics code(s) 928601177401  
eop\_net\_weight\_pp 0.001 kg

## Dimensional drawing



E26

## MasterColor CDM 70W BD17 CL U ELITE/4K

Product	C (Max)	D (Norm)
MHC 70W/842 E26 BD17 CL U ELITE	5.438	2.125



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2014, August 2  
data subject to change