



# MasterColor CDM ED17 Elite

MasterColor CDM 70W BD17 CL 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	BD17
Bulb Material	Hard Glass
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Main Application	General Lighting
RatedAvgLife(See Family Notes)	16000 hr

### • Light Technical Characteristics

Color Code	930 [CCT of 3000K]
Color Rendering Index	84 (min), 89 (nom) Ra8
Color Designation	Warm White
Color Temperature	3000 K
Color Temperature technical	3000 K
Initial Lumens	7700 Lm
Luminous Efficacy Lamp EM	110 Lm/W
Lumen Maintenance - 10% life	95 %
Lumen Maintenance - 40% life	80 %
Design Mean Lumens	6000 Lm
Chromaticity Coordinate X	0.423 (min), 0.432 (nom), 0.441 (max)
Chromaticity Coordinate Y	0.397 (min), 0.403 (nom), 0.409 (max)

### • Electrical Characteristics

Watts	70 W
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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	7.6 (max) mg
Picogram per Lumen Hour	79.2 p/LuHr

### • UV-related Characteristics

Damage Factor D/fc	0.27 -
PET (NIOSH)	285 h500lx
UV A	9.96 mW/cm <sup>2</sup>
UV B	0.04 mW/cm <sup>2</sup>
UV C	0.01 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

# MasterColor CDM ED17 Elite

• **Product Data**

Product number 419473  
 Full product name MasterColor CDM 70W BD17 CL U ELITE  
 Short product name MHC70/U/M/3K ELITE  
 Pieces per Sku 1

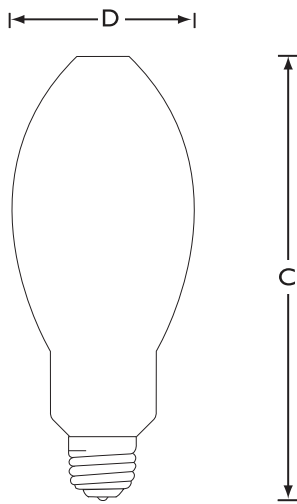
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**Warnings and Safety**

- 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**



E26

**MasterColor CDM 70W BD17 CL U ELITE**

Product	C (Max)	D (Norm)
MHC 70W/930 E26 BD17 CL U ELITE	5.438	2.125



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data subject to change