

# MasterColor CDM ED17 Protected Elite 4200K

MasterColor CDM 100W ED17P CO U ELITE/4K

MasterColor Elite Protected Ceramic Metal Halide ED-17 4200K  
Lamps provide excellent lumen maintenance and outstanding performance over time in a protected lamp.



## Product data

### • General Characteristics

Base	Medium [Single Contact Medium Screw]
Base Information	Brass [Brass Base]
Bulb	ED17P [Protected]
Bulb Material	Hard Glass
Bulb Finish	Coated
Operating Position	Universal [Any or Universal (U)]
Main Application	General Lighting
RatedAvgLife(See Family Notes)	20000 hr

Lamp Voltage	103 V
Lamp Current	1.1 A
Ignition Time	10 (max) s
Re-ignition Time [min]	10 (max) min

### • Environmental Characteristics

Mercury (Hg) Content	10.3 (max) mg
Picogram per Lumen Hour	74 p/LuHr

### • Light Technical Characteristics

Color Code	940 [CCT of 4000K]
Color Rendering Index	87 (min), 90 (nom) Ra8
Color Designation	Cool White
Color Temperature	4000 K
Color Temperature technical	3900 K
Initial Lumens	8700 Lm
Luminous Efficacy Lamp	87 Lm/W
Lumen Maintenance - 10% life	90 %
Lumen Maintenance - 40% life	80 %
Design Mean Lumens	6960 Lm
Chromaticity Coordinate X	0.380 (min), 0.389 (nom), 0.398 (max)
Chromaticity Coordinate Y	0.369 (min), 0.375 (nom), 0.381 (max)

### • UV-related Characteristics

Damage Factor D/fc	0.28 -
PET (NIOSH)	387 h500lx
UV A	9.1 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

Watts	100 W
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**PHILIPS**

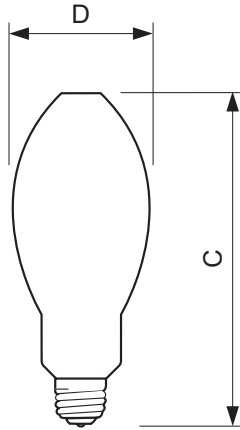
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## • Product Data

Product number 429968  
Full product name MasterColor CDM 100W ED17P CO U ELITE/4K  
Short product name MHC100/C/U/MP/4K ELITE  
Pieces per Sku 1

eop\_pck\_cfg 12  
Skus/Case 12  
Bar code on pack 46677429966  
Bar code on case 50046677429961  
Logistics code(s) 928601178201  
eop\_net\_weight\_pp 0.001 kg

## Dimensional drawing



## MasterColor CDM 100W ED17P CO U ELITE/4K

Product	C (Max)	D (Norm)
MHC P 100W/940 E26 ED17P CO U ELITE	5.438	2.125



E26



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data subject to change