

MasterColor CDM ED17 Elite 4200K

MasterColor CDM 50W BD17 CO U ELITE

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	Coated
Operating Position	Universal [Any or Universal (U)]
Main Application	General Lighting
RatedAvgLife(See Family Notes)	20000 hr

Lamp Voltage	85 V
Lamp Current	0.68 A
Ignition Time	30 (max) s
Re-ignition Time [min]	8 (max) min

• Environmental Characteristics

Mercury (Hg) Content	5.4 (max) mg
Picogram per Lumen Hour	82 p/LuHr

• Light Technical Characteristics

Color Code	842 [CCT of 4200K]
Color Rendering Index	79 (min), 82 (nom) Ra8
Color Designation	Cool White
Color Temperature	4200 K
Color Temperature technical	4500 K
Initial Lumens	4250 Lm
Luminous Efficacy	85 Lm/W
Lamp EM	
Lumen Maintenance - 10% life	90 %
Lumen Maintenance - 40% life	80 %
Design Mean Lumens	3400 Lm
Chromaticity Coordinate X	0.351 (min), 0.360 (nom), 0.369 (max)
Chromaticity Coordinate Y	0.369 (min), 0.375 (nom), 0.381 (max)

• UV-related Characteristics

Damage Factor D/fc PET (NIOSH)	0.66 - 65 h500lx
UV A	25.1 mW/cm ²
UV B	0.2 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

Max Overall Length (MOL) - C	5.438 (max) in
Diameter D	2.125 in

• Electrical Characteristics

Watts	50 W
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• Product Data

Product number	429878
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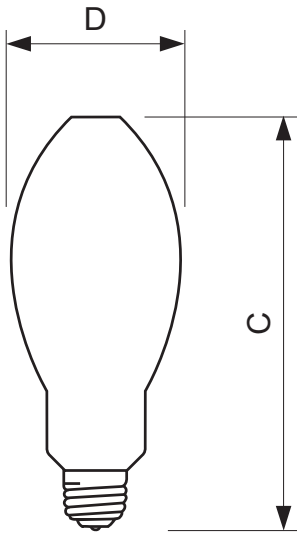
PHILIPS

MasterColor CDM ED17 Elite 4200K

Full product name MasterColor CDM 50W BD17 CO U ELITE
Short product name MHC50/C/U/M/4K ELITE
Pieces per Sku 1
eop_pck_cfg 12

Skus/Case 12
Bar code on pack 46677429874
Bar code on case 50046677429879
Logistics code(s) 928601177301
eop_net_weight_pp 0.001 kg

Dimensional drawing



E26

MasterColor CDM 50W BD17 CO U ELITE

Product	C (Max)	D (Norm)
MHC 50W/842 E26 BD17 CO U ELITE	5.438	2.125



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2014, February 7
data subject to change