

# MasterColor® CDM ED17 Standard

MasterColor CDM 100W/830 Med ED17 CO ALTO

Energy savings without changing a ballast! A high-efficiency enclosed E-rated CDM lighting solution that provides energy savings without compromising light quality.



## Product data

### • General Characteristics

Base	Medium [Single Contact Medium Screw]
Base Information	Brass [Brass Base]
Bulb	ED17
Bulb Material	Hard Glass
Bulb Finish	Coated
Operating Position	Universal [Any or Universal (U)]
Main Application	General Lighting
RatedAvgLife(See Family Notes)	16000 hr

### • Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	85 Ra8
Color Designation	Warm White
Color Temperature	3000 K
Color Temperature technical	2750 (min), 2950 (nom), 3150 (max) K
Chromaticity Coordinate X	431 (min), 440 (nom), 449 (max) -
Chromaticity Coordinate Y	384 (min), 390 (nom), 396 (max) -
Initial Lumens	8800 Lm
Luminous Efficacy	85 Lm/W
Lamp EM	
Lumen Maintenance 2000h	87 %
Lumen Maintenance 5000h	80 %
Design Mean Lumens	6600 Lm

### • Electrical Characteristics

Watts	100 W
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Lamp Voltage	100 V
Lamp Current	1.1 A
Ignition Time	10 (max) s
Re-ignition Time [min]	10 (max) min

### • Environmental Characteristics

Mercury (Hg) Content	6.4 (max) mg
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### • UV-related Characteristics

PET (NIOSH)	218 h.klx
Damage Factor D/fc	.279 -

### • 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

### • Product Data

Product number	208892
Full product name	MasterColor CDM 100W/830 Med ED17 CO ALTO
Short product name	CDM 100W/830 Med ED17 CO ALTO

# PHILIPS

sense and simplicity

Pieces per Sku 1  
 eop\_pck\_cfg 12  
 Skus/Case 12  
 Bar code on pack 46677208899

Bar code on case 50046677208894  
 Logistics code(s) 928601137501  
 eop\_net\_weight\_pp 0.044 kg

Warnings and Safety

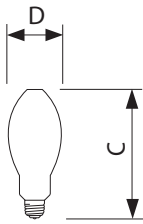
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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, ED-17

Product	C (Max)	D (Norm)
MI-HC 100W/830 E26 ED17 CO U ALTO	5.438	2.125



E26



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[www.philips.com/lighting](http://www.philips.com/lighting)

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data subject to change