

MasterColor® CDM ED17 Standard

MasterColor CDM 70W/940 Med ED17 CL 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	Clear
Operating Position	Universal [Any or Universal (U)]
Main Application	General Lighting
RatedAvgLife(See Family Notes)	20000 hr

Lamp Voltage	100 V
Lamp Current	0.9 A
Ignition Time	10 (max) s
Re-ignition Time [min]	8 (max) min

• Environmental Characteristics

Mercury (Hg) Content	8.2 (max) mg
Picogram per Lumen Hour	102.4 p/LuHr

• Light Technical Characteristics

Color Code	940 [CCT of 4000K]
Color Rendering Index	85 (min), 92 (nom) Ra8
Color Designation	Deluxe Cool White
Color Temperature	4000 K
Color Temperature technical	3800 (min), 4000 (nom), 4200 (max) K
Chromaticity Coordinate X	377 (min), 386 (nom), 395 (max) -
Chromaticity Coordinate Y	371 (min), 377 (nom), 383 (max) -
Initial Lumens	5900 Lm
Luminous Efficacy	83 Lm/W
Lamp EM	
Lumen Maintenance 2000h	82 %
Lumen Maintenance 5000h	73 %
Design Mean Lumens	4130 Lm

• UV-related Characteristics

Damage Factor D/fc	0.55 -
PET (NIOSH)	173.2 h500lx
UV A	20.11 mW/cm ²
UV B	0.122 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

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
sense and simplicity

• Footnotes

Footnotes HID 902 [Exclusive to Philips Lighting Company.]

• Product Data

Product number 281295
 Full product name MasterColor CDM 70W/940 Med ED17 CL ALTO

Short product name CDM 70W/940 Med ED17 CL ALTO
 Pieces per Sku 1
 eop_pck_cfg 12
 Skus/Case 12
 Bar code on pack 46677281298
 Bar code on case 50046677281293
 Logistics code(s) 928601136201
 eop_net_weight_pp 0.010 kg

Warnings and Safety

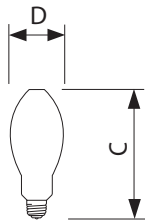
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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)
MHC 70W/940 E26 ED17 U ALTO	5.438	2.125



E26



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www.philips.com/lighting

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data subject to change