

# MasterColor CDM ED17 Standard

MasterColor CDM 150W/940 ED17 U 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	95 V
Lamp Current	1.8 A
Ignition Time	10 (max) s
Re-ignition Time [min]	12 (max) min

### • Environmental Characteristics

Mercury (Hg) Content	11.4 (max) mg
Picogram per Lumen Hour	56.2 p/LuHr

### • Light Technical Characteristics

Color Code	940 [CCT of 4000K]
Color Rendering Index	87 (min), 90 (nom) Ra8
Color Designation	Deluxe Cool White
Color Temperature	4000 K
Color Temperature technical	4000 K
Initial Lumens	13000 Lm
Luminous Efficacy	88 Lm/W
Lamp EM	
Lumen Maintenance - 10% life	86 %
Lumen Maintenance - 40% life	78 %
Design Mean Lumens	10140 Lm
Chromaticity Coordinate X	0.371 (min), 0.380 (nom), 0.389 (max)
Chromaticity Coordinate Y	0.359 (min), 0.365 (nom), 0.371 (max)

### • UV-related Characteristics

PET (NIOSH)	0.404 h.klx
Damage Factor D/fc	0.257 -
PET (NIOSH)	153 h500lx

### • Luminaire Design Requirements

Cap-Base Temperature	190 (max) C
Bulb Temperature	400 (max) C

### • Product Dimensions

Light Center Length L	3.348 in
Max Overall Length (MOL) - C	5.438 (max) in
Diameter D	2.125 in

### • Footnotes

Footnotes HID	902 [Exclusive to Philips Lighting Company.]
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### • Electrical Characteristics

Watts	150 W
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# PHILIPS

• Product Data

Product number 377200  
 Full product name MasterColor CDM 150W/940 ED17 U ALTO  
 Short product name MHC150/U/M/4K ALTO 12PK

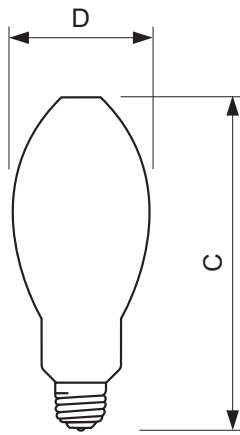
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Warnings and Safety

- 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



MasterColor CDM 150W/940 ED17 U ALTO

Product	C (Max)	D (Norm)
MHC 150W/940 E26 ED17 U ALTO	5.438	2.125



E26



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data subject to change