



# MasterColor CDM ED17 Protected

MasterColor CDM 150W/940 ED17P P CL ALTO+FB

Direct retrofit with immediate energy savings! Range of protected, high-efficiency long life ceramic metal halide lamps with a stable color over lifetime and a crisp, sparkling light to be used in open fixtures.

## Product data

### • General Characteristics

Base	Medium [Single Contact Medium Screw]
Base Information	Brass [Brass Base]
Bulb	ED17P [Protected]
Bulb Material	Hard Glass
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Main Application	General Lighting

### • 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	4150 K
Initial Lumens	12000 Lm
Luminous Efficacy	80 Lm/W
Lamp	
Lumen Maintenance - 10% life	87 %
Lumen Maintenance - 40% life	75 %
Design Mean Lumens	9000 Lm
Chromaticity Coordinate X	0.369 (min), 0.378 (nom), 0.387 (max)
Chromaticity Coordinate Y	0.360 (min), 0.366 (nom), 0.372 (max)

### • Electrical Characteristics

Watts	150 W
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	63.3 p/LuHr

### • UV-related Characteristics

PET (NIOSH)	304 h.klx
Damage Factor D/fc	0.281 -

### • 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

### • Footnotes

Footnotes HID	902 [Exclusive to Philips Lighting Company.]
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**PHILIPS**

• Product Data

Product number 377242  
 Full product name MasterColor CDM 150W/940 ED17P  
 P CL ALTO+FB  
 Short product name MHC150/U/MP/4K ALTO 12PK  
 Pieces per Sku 1

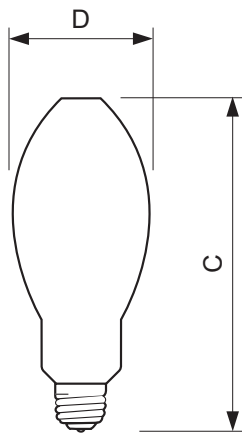
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 Logistics code(s) 928601171701  
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Warnings and Safety

- 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



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Product	C (Max)	D (Norm)
MHC P 150W/940 E26 ED17P U ALTO+FB	5,438	2,125



E26



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data subject to change