



# MasterColor CDM ED17 Standard

## MHC150/C/U/M/4K ALTO 12PK

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 Information	
Base	E26 [ Single Contact Medium Screw]
Operating Position	Universal [ Universal]
Main Application	General Lighting (G)
Life to 50% Failures (Nom)	20000 h
ANSI Code HID	C142/E
Light Technical	
Color Code	940 [ CCT of 4000K]
Luminous Flux (Rated) (Min)	10800 lm
Luminous Flux (Rated) (Nom)	12000 lm
Color Designation	Cool White (CW)
Lumen Maintenance - 40% Life	80 %
Design Mean Lumens	9600 lm
Chromaticity Coordinate X (Max)	0.394
Chromaticity Coordinate X (Min)	0.376
Chromaticity Coordinate X (Nom)	0.385
Chromaticity Coordinate Y (Max)	0.374
Chromaticity Coordinate Y (Min)	0.362
Chromaticity Coordinate Y (Nom)	0.368
Correlated Color Temperature (Max)	- K
Correlated Color Temperature (Min)	- K

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90
Operating and Electrical	
Lamp Current (Nom)	1.8 A
Ignition Supply Voltage (Min)	235 V
Re-Ignition Time (Min) (Max)	12 min
Ignition Time (Max)	10 s
Voltage (Max)	105 V
Voltage (Min)	85 V
Voltage (Nom)	95 V
Mechanical and Housing	
Bulb Finish	Coated [ Coated glass (CO)]
Cap-Base Information	Nic/Brass
Bulb Material	Hard Glass
Approval and Application	
Picogram Per Lumen Hour	59.4 pg/lm.h

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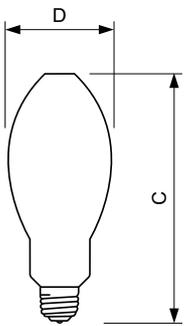
Mercury (Hg) Content (Nom)	12.3 mg
<b>UV</b>	
Pet (Niosh) (Nom)	153 h/500lx
Damage Factor D/fc (Nom)	0.404
<b>Luminaire Design Requirements</b>	
Bulb Temperature (Max)	400 °C
Cap-Base Temperature (Max)	190 °C

<b>Product Data</b>	
Order product name	MHC150/C/U/M/4K ALTO 12PK
EAN/UPC - Product	046677377212
Order code	377218
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601170201
Net Weight (Piece)	0.001 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)
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: [www.lamprecycle.org](http://www.lamprecycle.org) or 1-800-555-0050

### Dimensional drawing



MHC 150W/940 E26 BD17 CO U

Product	D	C (max)
MHC150/C/U/M/4K ALTO 12PK	2.125 in	5.438 in

