



MasterColor CDM ED17 Standard

MHC150/U/M/3K 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	
Cap-Base	E26 [Single Contact Medium Screw]
Bulb Shape	ED17 [ED17]
Operating Position	Universal [Universal]
Main Application	General Lighting (G)
Life To 50% Failures (Nom)	16000 h
ANSI Code HID	M142/M102/E
Features	ALTO® (ALTO)

Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux (Rated) (Min)	12600 lm
Luminous Flux (Rated) (Nom)	14000 lm
Color Designation	White (WH)
Lumen Maintenance 2000 h (Nom)	82 %
Lumen Maintenance - 40% Life	70 %
Lumen Maintenance 5000 h (Nom)	71 %
Lumen Maintenance - 10% Life	85 %
Design Mean Lumens	9800 lm
Chromaticity Coordinate X (Max)	445
Chromaticity Coordinate X (Min)	427

Chromaticity Coordinate X (Nom)	436
Chromaticity Coordinate Y (Max)	399
Chromaticity Coordinate Y (Min)	387
Chromaticity Coordinate Y (Nom)	393
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Min)	89 lm/W
Luminous Efficacy (rated) (Nom)	95 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	Clear (CL)

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Cap-Base Information	Brass [Brass Cap]
Bulb Material	Hard Glass

Approval and Application

Picogram Per Lumen Hour	95.7 pg/lm.h
Mercury (Hg) Content (Max)	15 mg

UV

Pet (Niosh) (Nom)	322 h/500lx
Damage Factor D/fc (Nom)	0.257

Luminaire Design Requirements

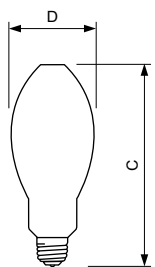
Bulb Temperature (Max)	400 °C
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Cap-Base Temperature (Max)	190 °C
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Product Data

Order product name	MHC150/U/M/3K ALTO 12PK
EAN/UPC - Product	046677130220
Order code	130229
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601170301
Net Weight (Piece)	0.060 kg

Dimensional drawing



Product	D	C
MHC150/U/M/3K ALTO 12PK	2.125 in	5.438 in

MHC 150W/830 E26 ED17 U ALTO

