



MasterColor CDM ED17 Standard

MHC150/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.

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 or 1-800-555-0050

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
Features	ALTO® (ALTO)
Footnotes HID 1	Exclusive to Philips Lighting Company.

Light technical

Color Code	940 [CCT of 4000K]
Luminous Flux (Rated) (Min)	12000 lm
Luminous Flux (Rated) (Nom)	13000 lm

Color Designation	Deluxe Cool White
Lumen Maintenance - 40% Life	78 %
Lumen Maintenance - 10% Life	86 %
Design Mean Lumens	10140 lm
Chromaticity Coordinate X (Max)	0.389
Chromaticity Coordinate X (Min)	0.371
Chromaticity Coordinate X (Nom)	0.380
Chromaticity Coordinate Y (Max)	0.371
Chromaticity Coordinate Y (Min)	0.359
Chromaticity Coordinate Y (Nom)	0.365
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (Rated) (Min)	80 lm/W
Luminous Efficacy (rated) (Nom)	86 lm/W

MasterColor CDM ED17 Standard

Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90

Operating and electrical

Power (Rated) (Nom)	150.6 W
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
Cap-Base Information	Brass [Brass Cap]
Bulb Material	Hard Glass
Bulb Shape	ED17 [ED17]

Approval and application

Picogram Per Lumen Hour	56.2 pg/lm.h
Mercury (Hg) Content (Nom)	12.3 mg

UV

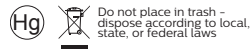
Pet (Niosh) (Nom)	0.404 h.klx
Damage Factor D/fc (Nom)	0.257

Luminaire design requirements

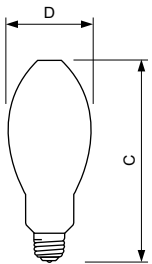
Bulb Temperature (Max)	400 °C
Cap-Base Temperature (Max)	190 °C

Product data

Order product name	MHC150/U/M/4K ALTO 12PK
EAN/UPC - Product	046677377205
Order code	377200
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601170401
Net Weight (Piece)	0.060 kg



Dimensional drawing

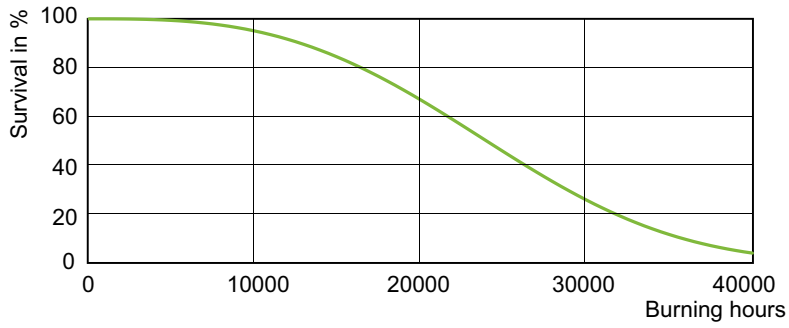


MHC150/U/M/4K ALTO 12PK

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

MasterColor CDM ED17 Standard

Lifetime



LDLE_D-MHC-LW_0005-Life expectancy diagram

