



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		Lumen Maintenance - 10% Life	
Base	E26 [Single Contact Medium Screw]	Design Mean Lumens	86 %
Operating Position	Universal [Universal]	Chromaticity Coordinate X (Max)	10140 lm
Main Application	General Lighting (G)	Chromaticity Coordinate X (Min)	0.389
Life to 50% Failures (Nom)	20000 h	Chromaticity Coordinate X (Nom)	0.371
ANSI Code HID	C142/E	Chromaticity Coordinate Y (Max)	0.380
Features	ALTO® (ALTO)	Chromaticity Coordinate Y (Min)	0.371
Footnotes HID 1	Exclusive to Philips Lighting Company.	Chromaticity Coordinate Y (Nom)	0.359
Light Technical		Chromaticity Coordinate Y (Nom)	0.365
Color Code	940 [CCT of 4000K]	Correlated Color Temperature (Nom)	4000 K
Luminous Flux (Rated) (Min)	12000 lm	Luminous Efficacy (Rated) (Min)	80 lm/W
Luminous Flux (Rated) (Nom)	13000 lm	Luminous Efficacy (rated) (Nom)	86 lm/W
Color Designation	Deluxe Cool White	Color Rendering Index (Min)	87
Lumen Maintenance - 40% Life	78 %	Color Rendering Index (Nom)	90

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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

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

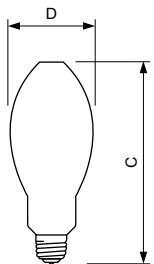
Luminaire Design Requirements

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

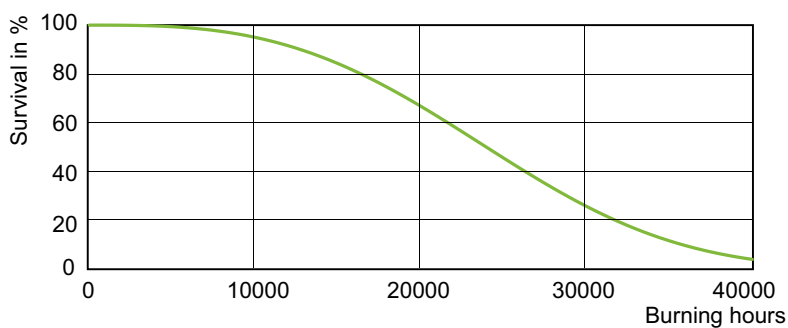
Dimensional drawing



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

MHC 150W/940 E26 ED17 U ALTO

Lifetime



LDLE_D-MHC-LW_0005-Life expectancy diagram

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