



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)

Product data

General information		Design Mean Lumens	
Cap-Base	E26 [Single Contact Medium Screw]	Design Mean Lumens	10140 lm
Operating Position	Universal [Universal]	Chromaticity Coordinate X (Max)	0.389
Main Application	General Lighting (G)	Chromaticity Coordinate X (Min)	0.371
Life to 50% Failures (Nom)	20000 h	Chromaticity Coordinate X (Nom)	0.380
ANSI Code HID	C142/E	Chromaticity Coordinate Y (Max)	0.371
Features	ALTO® (ALTO)	Chromaticity Coordinate Y (Min)	0.359
Footnotes HID 1	Exclusive to Philips Lighting Company.	Chromaticity Coordinate Y (Nom)	0.365
Light technical		Correlated Color Temperature (Nom)	4000 K
Color Code	940 [CCT of 4000K]	Luminous Efficacy (Rated) (Min)	80 lm/W
Luminous Flux (Rated) (Min)	12000 lm	Luminous Efficacy (rated) (Nom)	86 lm/W
Luminous Flux (Rated) (Nom)	13000 lm	Color Rendering Index (Min)	87
Color Designation	Deluxe Cool White	Color Rendering Index (Nom)	90
Lumen Maintenance - 40% Life	78 %	Operating and electrical	
Lumen Maintenance - 10% Life	86 %	Power (Rated) (Nom)	150.6 W
		Lamp Current (Nom)	1.8 A

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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 Base]
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
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Damage Factor D/fc (Nom)	0.257
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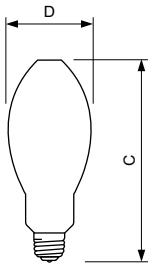
Luminaire design requirements

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

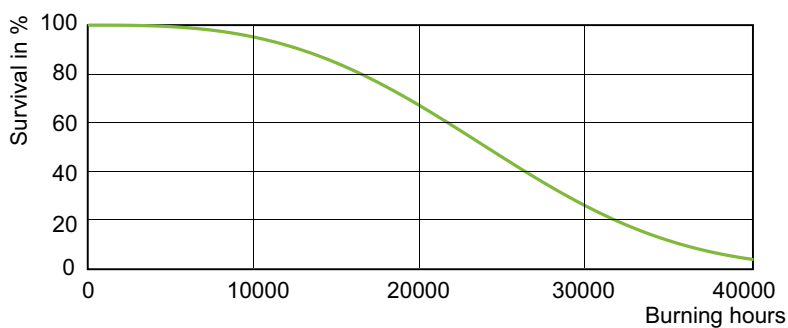
Dimensional drawing



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

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Lifetime



MHC 150W /940 ED17

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