

PHILIPS**Lighting**

MasterColor CDM ED17 Protected

MHC150/C/U/MP/3K ALTO 12PK

Direct retrofit with immediate energy savings! Range of protected, high-efficiency long life ceramic metal halide lamps with a stable color over lifetime and a crisp, sparkling light to be used in open fixtures.

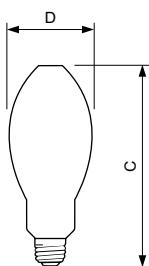
Product data

General Information	
Cap-Base	E26 [Single Contact Medium Screw]
Operating Position	Universal [Universal]
Main Application	General Lighting (G)
Life To 50% Failures (Nom)	16000 h
ANSI Code HID	M142/M102/O
Features	ALTO® + FadeBlock™
Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux (Rated) (Min)	11000 lm
Luminous Flux (Rated) (Nom)	12000 lm
Color Designation	Warm White (WW)
Lumen Maintenance - 40% Life	77 %
Lumen Maintenance - 10% Life	87 %
Design Mean Lumens	8092 lm
Chromaticity Coordinate X (Max)	0.449
Chromaticity Coordinate X (Min)	0.431
Chromaticity Coordinate X (Nom)	0.440
Chromaticity Coordinate Y (Max)	0.4
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	Brass [Brass Cap]

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Bulb Material	Hard Glass	Cap-Base Temperature (Max)	190 °C
Approval and Application			
Picogram Per Lumen Hour	109.7 pg/lm.h	Order product name	MHC150/C/U/MP/3K ALTO 12PK
Mercury (Hg) Content (Max)	14.2 mg	EAN/UPC - Product	046677134648
UV			
Pet (Niosh) (Nom)	302.9 h/500lx	Order code	134643
Damage Factor D/fc (Nom)	0.19	Numerator - Quantity Per Pack	1
Luminaire Design Requirements			
Bulb Temperature (Max)	400 °C	Numerator - Packs per outer box	12
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)			

Dimensional drawing



Product	D	C (max)
MHC150/C/U/MP/3K ALTO 12PK	2.125 in	5.438 in

MHC P 150W/830 E26 ED17P CO U ALTO+FB

