PHILIPS

MasterColor CDM ED17 Elite

D_CED17E



Extraordinary performance, familiar shape

MasterColor Ceramic Metal Halide ED-17 Elite lamps provide excellen lumen maintenance and outstanding performance over time in the familiar ED-17 lamp shape.

Benefits

- Universal operation position
- Excellent lumen maintenance
- Available in multiple wattages (50W, 70W, and 100W)

Applications

- Ideal for general lighting, downlighting, and flood lighting.

Features

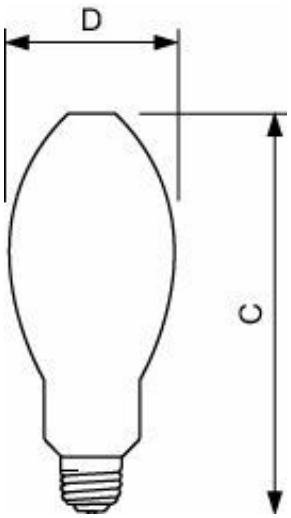
- Color stability over life within +/- 200K
- Lamp to lamp color consistency over life
- Up to 90 CRI (color rendering index)
- High lamp efficacy (up to 110 LPW)
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the 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)

Versions



LPPR D-MHC-LW 0010

Dimensional drawing



Product	D	C (max)
MHC100/U/M/3K ELITE	2.125 inch	5.438 inch
MHC70/U/M/3K ELITE	2.125 inch	5.438 inch

General Information

Cap-Base	E26 [Single Contact Medium Screw]
Operating Position	UNIVERSAL [Any or Universal (U)]

Light Technical

Color Designation	Warm White (WW)
Luminous Efficacy (Rated) (Min)	100 lm/W

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Hard Glass
Bulb Shape	BD17

Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
928601173302	MHC70/U/M/3K ELITE	0.432	0.403	3000 K	105 lm/W	89
928601173502	MHC100/U/M/3K ELITE	0.447	0.4	2900 K	110 lm/W	90

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)	Voltage (Nom)
928601173302	MHC70/U/M/3K ELITE	70.4 W	0.91 A	95 V
928601173502	MHC100/U/M/3K ELITE	100.4 W	1.1 A	100 V

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Max)
928601173302	MHC70/U/M/3K ELITE	7.6 mg
928601173502	MHC100/U/M/3K ELITE	12.5 mg

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