PHILIPS

MasterColor CDM ED23 1/2 Elite

D_CED23E



Upgrade to better white light

Philips MasterColor Ceramic Metal Halide Pulse Start ED23 1⁄2 Lamps are a better value than quartz metal halide, with longer life, higher lumen maintenance, and energy efficiency.

Benefits

- Easy upgrade to better white light just by changing your bulb
- Improved lifetime maintenance increases time between re-lamping
- Improved lumen maintenance increases time between re-lamping
- Reduced spend on energy

Applications

- Ideal for downtown areas, colleges and universities where visibility and quality of light are important.

Features

- Better rated average life of up to 24,000 hours
- Better lumen maintenance than quartz metal halide

- Better energy efficiency
- 4000K color temperature

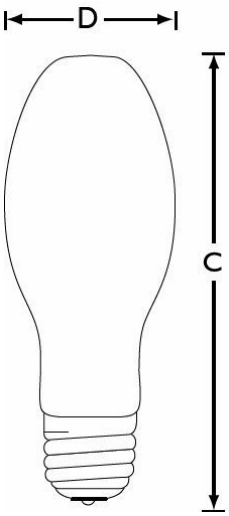
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain 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-CDM-PS 0002

Dimensional drawing



Product	D	C (max)
CDM100/U/PS/4K ED23.5 - Elite	2.938 inch	7.75 inch

General Information

Cap-Base	E39 [Single Contact Mogul Screw]
Operating Position	UNIVERSAL [Any or Universal (U)]

Light Technical

Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.378
Chromaticity Coordinate Y (Nom)	0.370
Correlated Color Temperature (Nom)	4180 K
Luminous Efficacy (Rated) (Min)	90 lm/W
Luminous Efficacy (rated) (Nom)	104 lm/W
Color rendering index (CRI)	90

Operating and Electrical

Power Consumption	100.4 W
Lamp Current (Nom)	1.10 A
Voltage (Nom)	102 V

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Hard Glass
Bulb Shape	ED-23 1/2

Approval and Application

Mercury (Hg) Content (Max)	9.9 mg

© 2026 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.