# **PHILIPS** Lighting



# MasterColor CDM ED23 1/2 Elite

## CDM70/U/PS/4K ED23.5 - Elite

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.

#### 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**

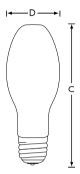
General Information		<b>Operating and Electrical</b>	
Cap-Base	E39 [Single Contact Mogul Screw]	Lamp Current (Nom)	0.9 A
Operating Position	UNIVERSAL [Any or Universal (U)]	Voltage (Nom)	100 V
Features	ELITE	Voltage (Nom)	100 V
Life to 50% Failures (Nom)	20,000 hour(s)		
		Mechanical and Housing	
Light Technical		Bulb Finish	Clear
Color Code	840 [CCT of 4000K]	Bulb Material	Hard Glass
Color Designation	Cool White (CW)	Bulb Shape	ED-23 1/2
Chromaticity Coordinate X (Nom)	0.371		
Chromaticity Coordinate Y (Nom)	0.360	Approval and Application	
Luminous Efficacy (Rated) (Min)	87 lm/W	Mercury (Hg) Content (Max)	7.1 mg
Luminous Efficacy (rated) (Nom)	97 lm/W		
Color rendering index (CRI)	88	Product Data	
		Order product name	CDM70/U/PS/4K ED23.5 - Elit

### MasterColor CDM ED23 1/2 Elite

Full product name	CDM70/U/PS/4K ED23.5 - Elite	
Order code	928601178301	
Material Nr. (12NC)	928601178301	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677430696	

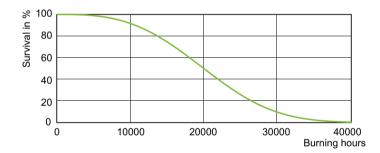
Numerator - Packs per outer box	12
EAN/UPC - Case	50046677430691

#### **Dimensional drawing**



Product	D	C (max)
CDM70/U/PS/4K ED23.5 - Elite	2.938 inch	7.75 inch

#### Lifetime



Life Expectancy Diagram - CDM70/U/PS/4K ED23.5 - Elite

\$ 100 90 80 70 60 500 5000 1000 15000 20000 Burning hours

Lumen Maintenance Diagram - CDM70/U/PS/4K ED23.5 - Elite



© 2023 Signify Holding All rights reserved. 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.

www.lighting.philips.com 2023, September 4 - data subject to change