MasterColor CDM ED28 Elite

MHC100/U/HR/4K ED28 – Elite

Philips MasterColor Ceramic Metal Halide Pulse Start ED28 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)
- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: www.lamprecycle.org or 1-800-555-0050

Product data

General Information

Cap-Base	E39 [Single Contact Mogul Screw]
Operating Position	UNIVERSAL [Any or Universal (U)]
Features	ELITE
Life to 50% Failures (Nom)	20,000 hour(s)

Light Technical

Color Code	940 [CCT of 4000K]
Color Designation	Natural (N)
Chromaticity Coordinate X (Nom)	0.379
Chromaticity Coordinate Y (Nom)	0.375
Correlated Color Temperature (Nom)	4080 K
Luminous Efficacy (Rated) (Min)	91 lm/W
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	90

Operating and Electrical

Power Consumption	100.4 W
Lamp Current (Nom)	1.1 A
Voltage (Nom)	102 V
Voltage (Nom)	102 V

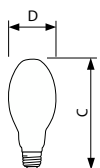#### Mechanical and Housing

Bulb Finish	Clear

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Bulb Material	Hard Glass
Bulb Shape	ED28

Approval and Application

Mercury (Hg) Content (Max)	9.9 mg

Product Data

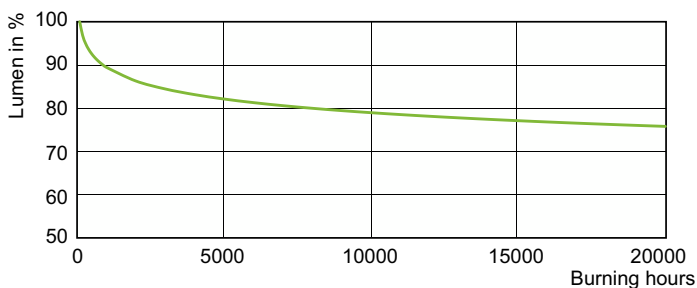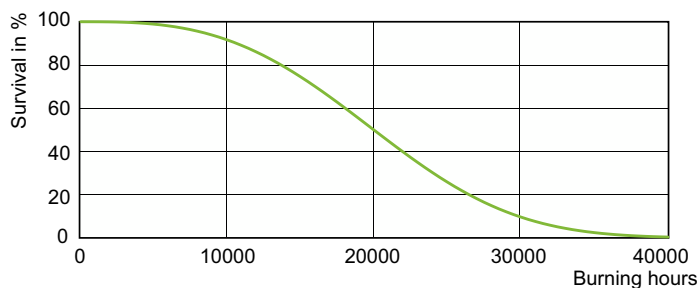|	
Order product name	MHC100/U/HR/4K ED28 – Elite
Full product name	MHC100/U/HR/4K ED28 – Elite

Order code	430702
Material Nr. (12NC)	928601178501
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	046677430702
Numerator – Packs per outer box	12
EAN/UPC – Case	50046677430707

Dimensional drawing

Product	D	C (max)
MHC100/U/HR/4K ED28 – Elite	3.5 inch	8.313 inch

Lifetime

Life Expectancy Diagram – MHC100/U/HR/4K ED28 – Elite

Lumen Maintenance Diagram – MHC100/U/HR/4K ED28 – Elite

www.lighting.philips.com

2023, April 29 – data subject to change