



MasterColor CDM ED23 1/2 Elite

MasterColor CDM100/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 | | |
|------------------------------------|----------------------------------|--|
| 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 | 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 |
| Voltage (Nom) | 102 V |
| | |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Material | Hard Glass |
| Bulb Shape | ED-23 1/2 |
| | |

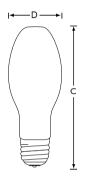
Datasheet, 2023, April 14 data subject to change

MasterColor CDM ED23 1/2 Elite

| Approval and Application | | |
|----------------------------|---|--|
| Mercury (Hg) Content (Max) | 9.9 mg | |
| | | |
| Product Data | | |
| Order product name | CDM100/U/PS/4K ED23.5 - Elite | |
| Full product name | MasterColor CDM100/U/PS/4K ED23.5 - Elite | |
| Order code | 430686 | |

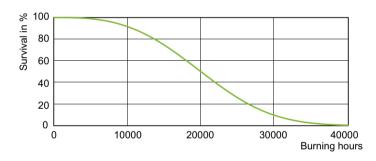
| Material Nr. (12NC) | 928601178401 |
|---------------------------------|----------------|
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677430689 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 50046677430684 |
| | |

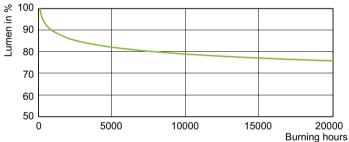
Dimensional drawing



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

Lifetime





Life Expectancy Diagram - CDM100/U/PS/4K ED23.5 - Elite

Lumen Maintenance Diagram - CDM100/U/PS/4K ED23.5 - Elite



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