



# Extraordinary performance, familiar shape

## MasterColor CDM ED17 Elite

MasterColor Ceramic Metal Halide ED-17 Elite lamps provide excellent 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)

### 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)

### Application

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

### 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)

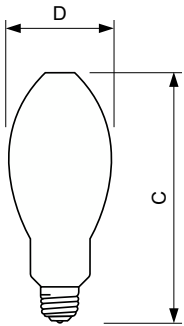
# MasterColor CDM ED17 Elite

## 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       |
| Operating Position | UNIVERSAL |

### 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) | Color rendering index (CRI) | Luminous Efficacy (rated) (Nom) |
|--------------|---------------------|---------------------------------|---------------------------------|------------------------------------|-----------------------------|---------------------------------|
| 928601173302 | MHC70/U/M/3K ELITE  | 0.432                           | 0.403                           | 3000 K                             | 89                          | 105 lm/W                        |
| 928601173502 | MHC100/U/M/3K ELITE | 0.447                           | 0.4                             | 2900 K                             | 90                          | 110 lm/W                        |

## Operating and Electrical

## MasterColor CDM ED17 Elite

| Order Code   | Full Product Name  | Lamp Current (Nom) | Voltage (Nom) | Power Consumption |
|--------------|--------------------|--------------------|---------------|-------------------|
| 928601173302 | MHC70/U/M/3K ELITE | 0.91 A             | 95 V          | 70.4 W            |

| Order Code   | Full Product Name   | Lamp Current (Nom) | Voltage (Nom) | Power Consumption |
|--------------|---------------------|--------------------|---------------|-------------------|
| 928601173502 | MHC100/U/M/3K ELITE | 1.1 A              | 100 V         | 100.4 W           |

### Approval and Application

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

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

