



MasterColor CDM ED17 Protected Elite 4200K

MHC100/C/U/MP/4K ELITE

MasterColor Elite Protected Ceramic Metal Halide ED-17 4200K Lamps provide excellent lumen maintenance and outstanding performance over time in a protected lamp.

Product data

| General Information | | Chromaticity Coordinate Y (Max) | |
|---------------------------------|------------------------------------|------------------------------------|---------|
| Cap-Base | E26 [Single Contact Medium Screw] | Chromaticity Coordinate Y (Min) | 0.381 |
| Operating Position | Universal [Universal] | Chromaticity Coordinate Y (Nom) | 0.369 |
| Main Application | General Lighting (G) | Correlated Color Temperature (Nom) | 0.375 |
| Life to 50% Failures (Nom) | 20000 h | Luminous Efficacy (Rated) (Min) | 4000 K |
| ANSI Code HID | C90/O | Luminous Efficacy (rated) (Nom) | 85 lm/W |
| Features | ELITE | Color Rendering Index (Min) | 87 lm/W |
| | | Color Rendering Index (Nom) | 87 |
| | | | 90 |
| Light Technical | | Operating and Electrical | |
| Color Code | 940 [CCT of 4000K] | Lamp Current (Nom) | 1.1 A |
| Luminous Flux (Rated) (Min) | 7900 lm | Ignition Supply Voltage (Min) | 235 V |
| Luminous Flux (Rated) (Nom) | 8700 lm | Re-Ignition Time (Min) (Max) | 10 min |
| Color Designation | Cool White (CW) | Ignition Time (Max) | 10 s |
| Lumen Maintenance - 40% Life | 80 % | Voltage (Max) | 118 V |
| Lumen Maintenance - 10% Life | 90 % | Voltage (Min) | 93 V |
| Design Mean Lumens | 6960 lm | Voltage (Nom) | 103 V |
| Chromaticity Coordinate X (Max) | 0.398 | | |
| Chromaticity Coordinate X (Min) | 0.380 | | |
| Chromaticity Coordinate X (Nom) | 0.389 | | |

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Mechanical and Housing

| | |
|----------------------|---------------------|
| Bulb Finish | Coated glass |
| Cap-Base Information | Brass [Brass Base] |
| Bulb Material | Hard Glass |

Approval and Application

| | |
|----------------------------|------------|
| Picogram Per Lumen Hour | 74 pg/lm.h |
| Mercury (Hg) Content (Max) | 10.3 mg |

UV

| | |
|--------------------------|-------------|
| Pet (Niosh) (Nom) | 387 h/500lx |
| Damage Factor D/fc (Nom) | 0.28 |

Luminaire Design Requirements

| | |
|------------------------|--------|
| Bulb Temperature (Max) | 400 °C |
|------------------------|--------|

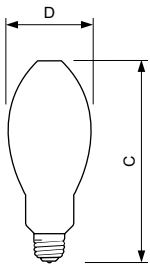
| | |
|----------------------------|--------|
| Cap-Base Temperature (Max) | 190 °C |
|----------------------------|--------|

Product Data

| | |
|---------------------------------|------------------------|
| Order product name | MHC100/C/U/MP/4K ELITE |
| EAN/UPC - Product | 046677429966 |
| Order code | 429968 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material Nr. (12NC) | 928601178201 |
| Net Weight (Piece) | 0.001 kg |

Warnings and Safety

Dimensional drawing



| Product | D | C (max) |
|------------------------|----------|----------|
| MHC100/C/U/MP/4K ELITE | 2.125 in | 5.438 in |

MHC P 100W/940 E26 ED17P CO U ELITE

