



MasterColor CDM ED17 Protected

MasterColor CDM 100W/930 P CL U ELITE

Direct retrofit with immediate energy savings! Range of protected, high-efficiency long life ceramic metal halide lamps with a stable color over lifetime and a crisp, sparkling light to be used in open fixtures.

Product data

• General Characteristics

| | |
|--------------------------------|--------------------------------------|
| Base | Medium [Single Contact Medium Screw] |
| Base Information | Brass [Brass Base] |
| Bulb | ED17P [Protected] |
| Bulb Material | Hard Glass |
| Bulb Finish | Clear |
| Operating Position | Universal [Any or Universal (U)] |
| Main Application | General and Street Lighting |
| RatedAvgLife(See Family Notes) | 16000 hr |

| | |
|------------------------|--------------|
| Lamp Voltage | 101 V |
| Lamp Current | 1.1 A |
| Ignition Time | 10 (max) s |
| Re-ignition Time [min] | 10 (max) min |

• Environmental Characteristics

| | |
|-------------------------|---------------|
| Mercury (Hg) Content | 11.0 (max) mg |
| Picogram per Lumen Hour | 72.4 p/LuHr |

• Light Technical Characteristics

| | |
|------------------------------|---------------------------------------|
| Color Code | 930 [CCT of 3000K] |
| Color Rendering Index | 87 (min), 90 (nom) Ra8 |
| Color Designation | Warm White |
| Color Temperature | 3000 K |
| Color Temperature technical | 3000 K |
| Initial Lumens | 10000 Lm |
| Luminous Efficacy Lamp | 100 Lm/W |
| Lumen Maintenance - 10% life | 95 % |
| Lumen Maintenance - 40% life | 90 % |
| Design Mean Lumens | 9500 Lm |
| Chromaticity Coordinate X | 0.425 (min), 0.434 (nom), 0.443 (max) |
| Chromaticity Coordinate Y | 0.395 (min), 0.401 (nom), 0.407 (max) |

• UV-related Characteristics

| | |
|--------------------|------------------------|
| Damage Factor D/fc | 0.12 - |
| PET (NIOSH) | 1542 h500lx |
| UV A | 2.9 mW/cm ² |
| UV B | 0 mW/cm ² |
| UV C | 0 mW/cm ² |

• Luminaire Design Requirements

| | |
|----------------------|-------------|
| Cap-Base Temperature | 190 (max) C |
| Bulb Temperature | 400 (max) C |

• Product Dimensions

| | |
|------------------------------|----------------|
| Light Center Length L | 3.39 in |
| Max Overall Length (MOL) - C | 5.438 (max) in |
| Diameter D | 2.125 in |

• Electrical Characteristics

| | |
|-------|-------|
| Watts | 100 W |
|-------|-------|

PHILIPS

• Footnotes

Footnotes HID 902 [Exclusive to Philips Lighting Company.]

• Product Data

Product number 423673
Full product name MasterColor CDM 100W/930 P CL U ELITE

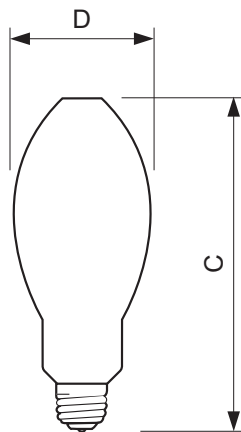
Short product name MHC100/U/MP/3K ELITE
Pieces per Sku 1
eop_pck_cfg 12
Skus/Case 12
Bar code on pack 46677423674
Bar code on case 50046677423679
Logistics code(s) 928601174001
eop_net_weight_pp 0.001 kg

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)

Dimensional drawing



E26

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| Product | C (Max) | D (Norm) |
|-------------------------------------|---------|----------|
| MHC P 100W/930 E26 ED17P CL U ELITE | 5,438 | 2,125 |



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www.philips.com/lighting

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data subject to change