

PHILIPS

Lighting



MasterColor CDM ED17 Protected

MHC150/U/MP/4K ALTO 12PK

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 Information | |
|----------------------------|--|
| Base | E26 [Single Contact Medium Screw] |
| Operating Position | Universal [Universal] |
| Main Application | General Lighting (G) |
| Life to 50% Failures (Min) | 20000 h |
| ANSI Code HID | C142/O |
| Features | ALTO® + FadeBlock™ |
| Footnotes HID 1 | Exclusive to Philips Lighting Company. |

| Light Technical | |
|---------------------------------|---------------------|
| Color Code | 940 [CCT of 4000K] |
| Luminous Flux (Rated) (Min) | 11000 lm |
| Luminous Flux (Rated) (Nom) | 12000 lm |
| Color Designation | Deluxe Cool White |
| Lumen Maintenance - 40% Life | 75 % |
| Lumen Maintenance - 10% Life | 87 % |
| Design Mean Lumens | 9000 lm |
| Chromaticity Coordinate X (Max) | 0.387 |
| Chromaticity Coordinate X (Min) | 0.369 |
| Chromaticity Coordinate X (Nom) | 0.378 |
| Chromaticity Coordinate Y (Max) | 0.372 |

| | |
|------------------------------------|---------|
| Chromaticity Coordinate Y (Min) | 0.360 |
| Chromaticity Coordinate Y (Nom) | 0.366 |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (Rated) (Min) | 73 lm/W |
| Luminous Efficacy (rated) (Nom) | 80 lm/W |
| Color Rendering Index (Min) | 87 |
| Color Rendering Index (Nom) | 90 |

| Operating and Electrical | |
|-------------------------------|--------|
| Lamp Current (Nom) | 1.8 A |
| Ignition Supply Voltage (Min) | 235 V |
| Re-Ignition Time (Min) (Max) | 12 min |
| Ignition Time (Max) | 10 s |
| Voltage (Max) | 105 V |
| Voltage (Min) | 85 V |
| Voltage (Nom) | 95 V |

| Mechanical and Housing | |
|------------------------|--------------------|
| Bulb Finish | Clear |
| Cap-Base Information | Brass [Brass Cap] |

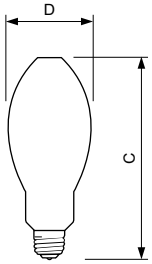
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| | |
|--------------------------------------|--------------|
| Bulb Material | Hard Glass |
| Approval and Application | |
| Picogram Per Lumen Hour | 63.3 pg/lm.h |
| Mercury (Hg) Content (Nom) | 12.3 mg |
| UV | |
| Pet (Niosh) (Nom) | 304 h.klx |
| Damage Factor D/fc (Nom) | 0.281 |
| Luminaire Design Requirements | |
| Bulb Temperature (Max) | 400 °C |

| | |
|---------------------------------|--------------------------|
| Cap-Base Temperature (Max) | 190 °C |
| Product Data | |
| Order product name | MHC150/U/MP/4K ALTO 12PK |
| EAN/UPC - Product | 046677377243 |
| Order code | 377242 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material Nr. (12NC) | 928601171701 |
| Net Weight (Piece) | 0.070 kg |

Warnings and Safety

Dimensional drawing



| Product | D | C (max) |
|--------------------------|----------|----------|
| MHC150/U/MP/4K ALTO 12PK | 2.125 in | 5.438 in |

MHC P 150W/940 E26 ED17P U ALTO+FB

Lifetime

