



MasterColor CDM PAR38

MasterColor CDM100/PAR38/FL/4K ALTO ELITE 12PK

Philips MasterColor® Ceramic Metal Halide PAR38 Lamps offer high-efficiency, ceramic metal halide reflector lamps with a stable color over lifetime and a crisp, sparkling light.

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)
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

Product data

| General Information | | Luminous Intensity (Nom) | |
|-----------------------------|------------------------------------|------------------------------------|-----------------|
| Base | E26 [Single Contact Medium Screw] | | 20000 cd |
| Operating Position | Universal [Universal] | Beam Description | Flood [Flood] |
| Life to 50% Failures (Nom) | 16000 h | Color Designation | Cool White (CW) |
| ANSI Code HID | C90/O | Chromaticity Coordinate X (Nom) | 0.380 |
| | | Chromaticity Coordinate Y (Nom) | 0.375 |
| | | Correlated Color Temperature (Nom) | 4200 K |
| | | Color Rendering Index (Nom) | 92 |
| Light Technical | | Operating and Electrical | |
| Beam Angle (Max) | 31° | Power (Rated) (Nom) | 95.0 W |
| Beam Angle (Min) | 19 | Lamp Current (EM) (Nom) | 1.10 A |
| Color Code | 940 [CCT of 4000K] | Ignition Supply Voltage (Min) | 235 V |
| Beam Angle (Nom) | 25° | | |
| Luminous Flux (Rated) (Nom) | 6400 lm | | |

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| | |
|------------------------------|-------|
| Re-ignition Time (Min) (Max) | 8 min |
| Ignition Time (Max) | 10 s |
| Voltage (Max) | 122 V |
| Voltage (Min) | 97 V |
| Voltage (Nom) | 102 V |

Controls and Dimming

| | |
|-----------------------|-------|
| Dimmable | No |
| Run-Up Time 90% (Max) | 2 min |

Mechanical and Housing

| | |
|-------------|------------------------------|
| Bulb Finish | Clear |
| Bulb Shape | PAR38 [PAR 4.75 inch/121mm] |

Luminaire Design Requirements

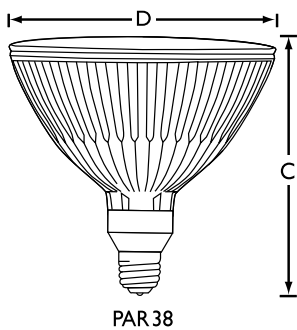
| | |
|------------------------|--------|
| Bulb Temperature (Max) | 350 °C |
|------------------------|--------|

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

Product Data

| | |
|---------------------------------|--|
| Order product name | MasterColor CDM100/PAR38/FL/4K ALTO ELITE 12PK |
| EAN/UPC - Product | 046677456535 |
| Order code | 456533 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material Nr. (12NC) | 928494230901 |
| Net Weight (Piece) | 0.307 kg |

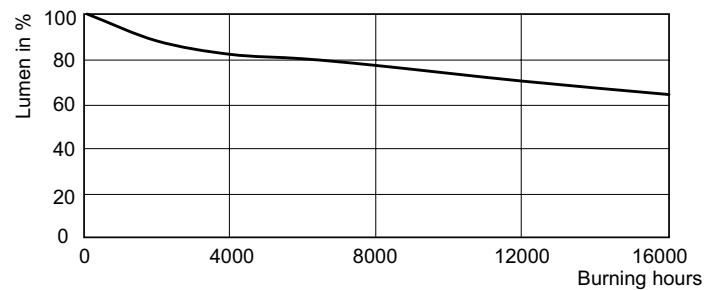
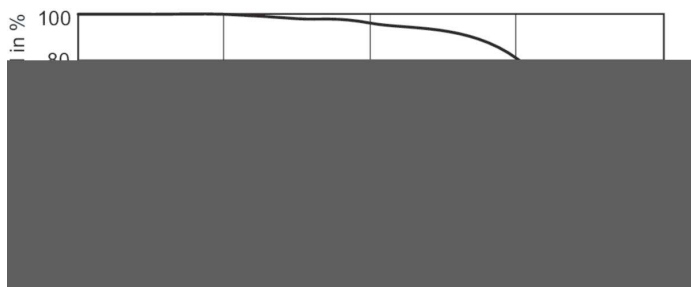
Dimensional drawing



CDM 100W/940 E26 PAR38 FL 25D ALTO Elite

| Product | D | D | C (max) |
|--|---------|----------|----------|
| MasterColor CDM100/PAR38/FL/4K ALTO ELITE 12PK | 4.76 in | 121.0 mm | 134.0 mm |

Lifetime



LDLM_ICDMPAR_0001-Lumen maintenance diagram

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