



MASTERColour CDM MW Eco

MASTERColour MW eco MASTERColour CDM-EP MW eco 360W/840 E40

Ceramic metal halide lamps with clear tubular or coated ellipsoid outer bulb, tailor-made to replace and outperform quartz metal halide lamps on existing gear.

Product data

| General Information | |
|--------------------------------------|-----------------------------------|
| Cap-Base | E40 [E40] |
| Operating Position | UNIVERSAL [Any or Universal (U)] |
| Life to 20% Failures (Nom) | 12000 h |
| Life to 50% Failures (Nom) | 20000 h |
| System Description | Universal |
| LSF 2000 h Rated | 99 % |
| LSF 4000 h Rated | 96 % |
| LSF 8000 h Rated | 88 % |
| LSF 12000 h Rated | 80 % |
| LSF 16000 h Rated | 63 % |
| LSF 20000 h Rated | 50 % |
| Light Technical | |
| Colour Code | 840 [CCT of 4000K] |
| Luminous Flux (Rated) (Min) | 29700 lm |
| Luminous Flux (Rated) (Nom) | 33000 lm |
| Colour Designation | Cool White (CW) |
| Chromaticity Coordinate X (Nom) | 386 |
| Chromaticity Coordinate Y (Nom) | 395 |
| Colour Temperature, horizontal (Nom) | 4000 K |

| Luminous Efficacy (Rated) (Min) | 83 lm/W |
|------------------------------------|---------|
| Luminous Efficacy (rated) (Nom) | 93 lm/W |
| Colour Rendering Index horiz (Nom) | 90 |
| Depreciation 2000 hrs | 92 % |
| LLMF 4000 h Rated | 87 % |
| Depreciation 5000 hrs | 84 % |
| LLMF 8000 h Rated | 82 % |
| LLMF 12000 h Rated | 80 % |
| LLMF 16000 h Rated | 77 % |
| LLMF 20000 h Rated | 75 % |
| Operating and Electrical | |
| Power (Rated) (Nom) | 354 W |
| Lamp Current Run-Up (Max) | 3.6 A |
| Lamp Current (EM) (Nom) | 3.55 A |
| Re-Ignition Time (Min) (Max) | 900 s |
| Ignition Time (Max) | 30 s |
| Voltage (Max) | 127 V |
| Voltage (Min) | 109 V |
| Voltage (Nom) | 118 V |

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| Controls and Dimming | |
|-----------------------|-------|
| Run-up Time 90% (Max) | 3 min |

| Mechanical and Housing | |
|------------------------|------------|
| Bulb Finish | Clear |
| Bulb Material | Hard Glass |

| Approval and Application | |
|-------------------------------|---------|
| Energy Efficiency Label | A+ |
| Mercury (Hg) Content (Nom) | 44.6 mg |
| Energy Consumption kWh/1000 h | 396 kWh |

| UV | |
|-------------------|-----------|
| Pet (Niosh) (Nom) | 8 h/500lx |

| Luminaire Design Requirements | |
|-------------------------------|--------|
| Bulb Temperature (Max) | 350 °C |

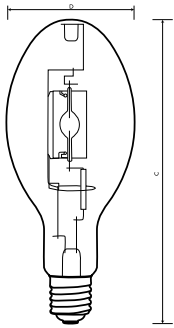
| | |
|----------------------------|--------|
| Cap-Base Temperature (Max) | 250 °C |
|----------------------------|--------|

| Product Data | |
|---------------------------------|--|
| Full product code | 871869673481000 |
| Order product name | MASTERColour MW eco MSTColour CDM-EP MW eco 360W/840 E40 CL |
| EAN/UPC - Product | 8718696734810 |
| Order code | 73481000 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 928495409891 |
| Net Weight (Piece) | 259.000 g |

Warnings and Safety

- For use with control gear designed for high pressure mercury or high-pressure sodium lamps with external ignitor
- A lamp breaking is extremely unlikely to have an impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- Warm restart time can be up to 15 minutes; T15 ignitors therefore advised.

Dimensional drawing



CDM-EP MW Eco 360W E40

| Product | D (max) | C (max) |
|--|---------|---------|
| MASTERColour MW eco MSTColour CDM-EP MW eco 360W/840 E40 CL | 121 mm | 290 mm |

