

# MASTERColour CDM MW Eco

## MASTERColour MW eco MASTERColour CDM-T MW eco 360W/842 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.

### 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.

### Product data

| General Information | |
|---|---|
| **Cap-Base** | E40 |
| **Operating Position** | P45 [Parallel +/-45D or Horizontal(HOR)] |
| **Flux measurement reference** | Sphere |
| **Life to 50% Failures (Nom)** | 30,000 hour(s) |

| Light Technical | |
|---|---|
| **Color Code** | 842 [CCT of 4200K] |
| **Luminous Flux** | 35,400 lm |
| **Color Designation** | Cool White (CW) |
| **Chromaticity Coordinate X (Nom)** | 0.371 |
| **Chromaticity Coordinate Y (Nom)** | 0.366 |
| **Correlated Color Temperature (Nom)** | 4200 K |
| **Luminous Efficacy (rated) (Nom)** | 98.06 lm/W |
| **Color rendering index (CRI)** | 88 |
| **Arc Length O (Nom)** | 11.9 mm |

| Operating and Electrical | |
|---|---|
| **Power Consumption** | 361.0 W |
| **Voltage (Nom)** | 123 V |
| **Voltage (Nom)** | 123 V |

| Controls and Dimming | |
|---|---|
| **Dimmable** | No |

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

# MASTERColour CDM MW Eco

| | |
|---|---|
| **Bulb Shape** | T46 |

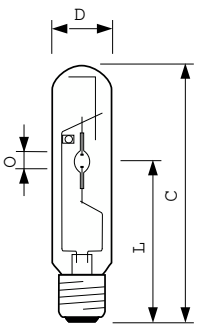
## Approval and Application

| | |
|---|---|
| **Energy Efficiency Class** | F |
| **Mercury (Hg) Content (Max)** | 48 mg |
| **Mercury (Hg) Content (Nom)** | 48.0 mg |
| **Energy Consumption kWh/1000 h** | 361 kWh |
| **EPREL Registration Number** | 473317 |

## Product Data

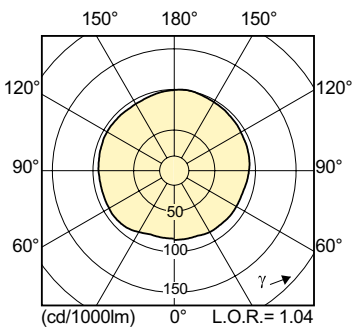
| | |
|---|---|
| **Order product name** | MASTERColour CDM-T MW eco 360W/842 E40 |
| **Full product name** | MASTERColour MW eco MASTERColour CDM-T MW eco 360W/842 E40 |
| **Full product code** | 871869664610600 |
| **Order code** | 64610600 |
| **Material Nr. (12NC)** | 928070319230 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8718696646106 |
| **Numerator - Packs per outer box** | 12 |
| **EAN/UPC - Case** | 8718696646113 |

## Dimensional drawing

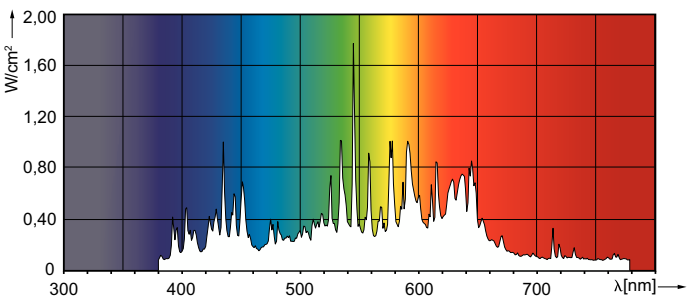



| Product | D | O | L | C (max) |
|---|---|---|---|---|
| MASTERColour CDM-T MW eco 360W/842 E40 | 47 mm | 11.9 mm | 161 mm | 257 mm |

## Photometric data



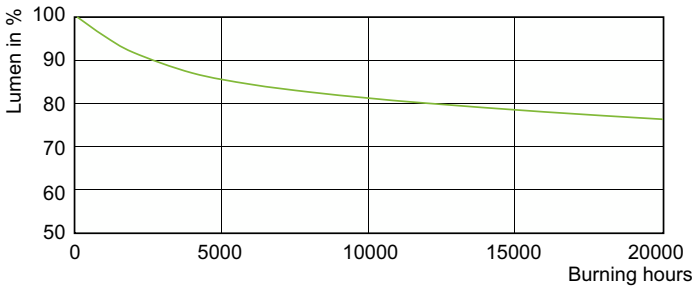

Light Distribution Diagram - MASTERColour CDM-T MW eco 360W/842 E40



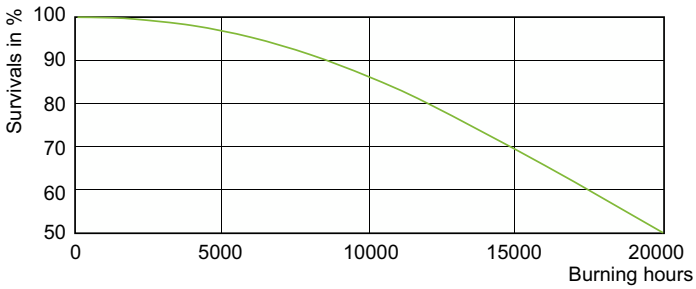

Spectral Power Distribution Colour - MASTERColour CDM-T MW eco 360W/842 E40

# MASTERColour CDM MW Eco

## Lifetime




Lumen Maintenance Diagram - MASTERColour CDM-T MW eco 360W/842 E40




Life Expectancy Diagram - MASTERColour CDM-T MW eco 360W/842 E40

© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.