# MASTERColour CDM-TC Elite

## MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12

Single-ended, compact size, high-efficiency Ceramic Metal Halide discharge lamp

### Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- A lamp breaking is extremely unlikely to have any 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.

### Product data

| General Information | |
|---|---|
| **Cap base** | G8.5 |
| **Operating position** | UNIVERSAL [Any or Universal (U)] |
| **Flux measurement reference** | Sphere |
| **Life to 50% failures (nom.)** | 20,000 h |

| Light Technical | |
|---|---|
| **Colour Code** | 930 [CCT of 3000K] |
| **Luminous Flux** | 5,400 lm |
| **Colour designation** | Warm White (WW) |
| **Chromaticity Coordinate X (Nom)** | 0.434 |
| **Chromaticity Coordinate Y (Nom)** | 0.398 |
| **Correlated Colour Temperature (Nom)** | 3000 K |
| **Luminous efficacy (rated) (nom.)** | 108 lm/W |
| **Colour rendering index (CRI)** | 91 |

| | |
|---|---|
| **Arc Length O (Nom)** | 6 mm |

| Operating and Electrical | |
|---|---|
| **Power Consumption** | 50.2 W |
| **Voltage (nom.)** | 90 V |

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

| Mechanical and Housing | |
|---|---|
| **Lamp Finish** | Clear |
| **Bulb shape** | T14 |
| **Net Weight (Piece)** | 0.010 kg |

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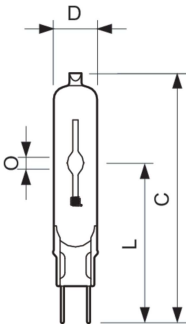
| Approval and Application | |
|---|---|
| **Energy Efficiency Class** | F |
| **Mercury (Hg) content (max.)** | 6.6 mg |
| **Mercury (Hg) content (nom.)** | 6.6 mg |
| **Energy consumption kWh/1,000 hours** | 51 kWh |
| **EPREL Registration Number** | 473270 |
| **CE mark** | Yes |

| Product Data | |
|---|---|
| **Order product name** | MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12 |
| **Full product name** | MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12 |

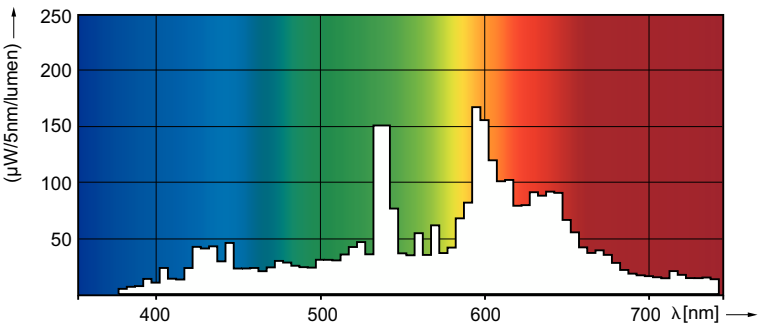
| | |
|---|---|
| **Full EOC** | 872790093062700 |
| **Order code** | 928191805131 |
| **Material no. (12 NC)** | 928191805131 |
| **Local order code** | 50CDMTCELITE930 |
| **Numerator – quantity per pack** | 1 |
| **EAN/UPC — Product/Case** | 8727900930627 |
| **Numerator – packs per outer box** | 12 |
| **EAN/UPC - Case** | 8727900930634 |

## Dimensional drawing




| Product | D (max) | O | L (min) | L (max) | L | C (max) |
|---|---|---|---|---|---|---|
| MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12 | 15 mm | 6 mm | 51 mm | 53 mm | 52 mm | 85 mm |

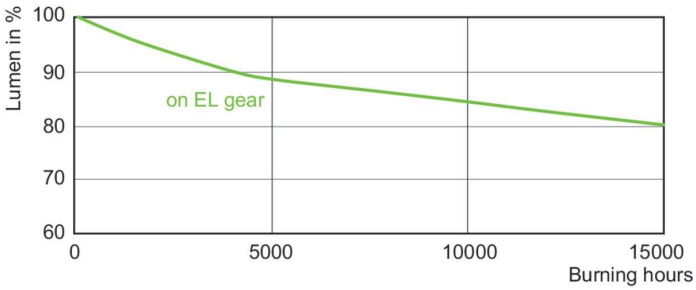
## Photometric data

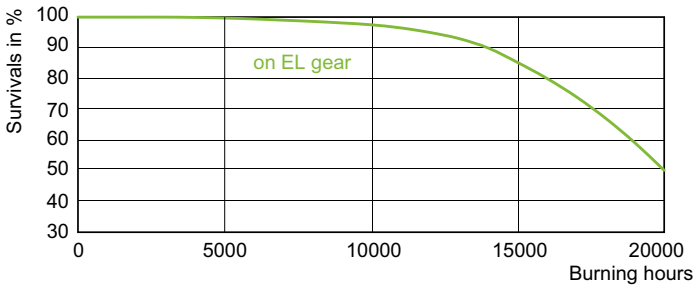



**Spectral Power Distribution Colour - MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12**

# MASTERColour CDM-TC Elite

## Lifetime




**Lumen Maintenance Diagram - MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12**

**LDLE_CDMTC-E_0002-Life expectancy diagram**

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