



MASTERColour CDM-TC Elite

MASTERC CDM-TC Elite 20W/830 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)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- Use only with electronic control gear
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- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- 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.
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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 hour(s) |
| Light Technical | |
| Color Code | 830 [CCT of 3000K] |

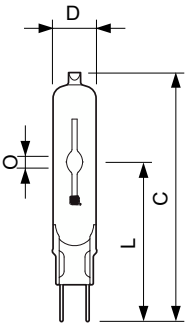
| | |
|------------------------------------|-----------------|
| Luminous Flux | 1,750 lm |
| Color Designation | Warm White (WW) |
| Chromaticity Coordinate X (Nom) | 0.434 |
| Chromaticity Coordinate Y (Nom) | 0.398 |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 87 lm/W |
| Color rendering index (CRI) | 85 |

MASTERCoulour CDM-TC Elite

| | |
|--------------------------|-----------------|
| Arc Length O (Nom) | 4 mm |
| Operating and Electrical | |
| Power Consumption | 20.1 W |
| Voltage (Nom) | 95 V |
| Voltage (Nom) | 95 V |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Material | UV-Block Quartz |
| Bulb Shape | T14 |
| Approval and Application | |
| Energy Efficiency Class | G |

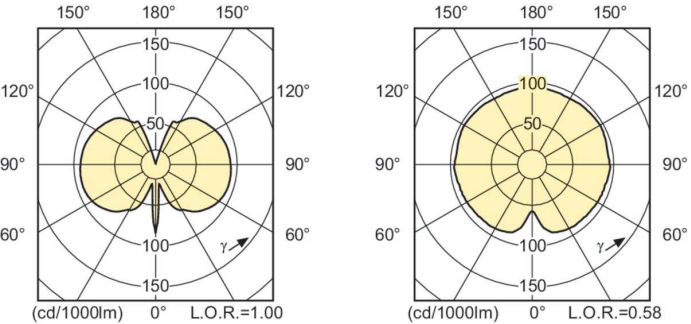
| | |
|---------------------------------|--|
| Mercury (Hg) Content (Max) | 3.5 mg |
| Mercury (Hg) Content (Nom) | 3.5 mg |
| Energy Consumption kWh/1000 h | 21 kWh |
| EPREL Registration Number | 473254 |
| Product Data | |
| Order product name | MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12 |
| Full product name | MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12 |
| Full product code | 872790087158600 |
| Order code | 928183405125 |
| Material Nr. (12NC) | 928183405125 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8727900871586 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8727900871593 |

Dimensional drawing

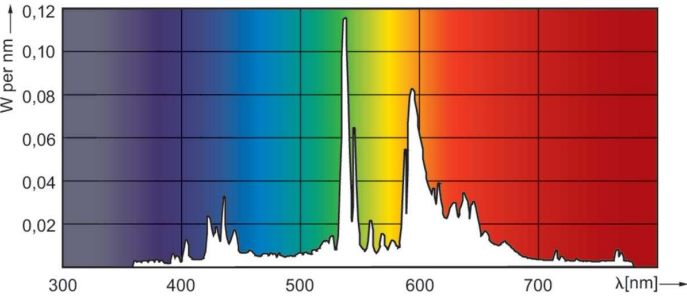


| Product | D (max) | D | O | L (min) | L (max) | L | C (max) |
|--|---------|-----------|------|---------|---------|-------|---------|
| MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12 | 15 mm | 0.55 inch | 4 mm | 51 mm | 53 mm | 52 mm | 85 mm |

Photometric data



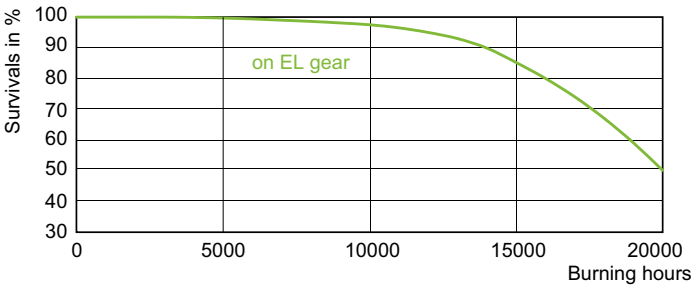
Light Distribution Diagram - MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12



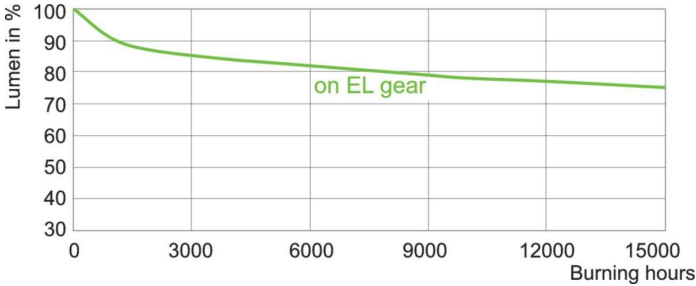
Spectral Power Distribution Colour - MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12

MASTERC colour CDM-TC Elite

Lifetime



Life Expectancy Diagram - MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12



Lumen Maintenance Diagram - MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12

