PHILIPS Lighting



MASTERColour CDM-TC Elite

MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12

Compact, single-ended, very high-efficiency, long-life ceramic metal-halide discharge lamp producing crisp white sparkling light with high color rendering

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- \cdot 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 | | Arc Length O (Nom) | 7.15 mm |
|------------------------------------|----------------------------------|--------------------------|---------------|
| Cap-Base | G8.5 [G8.5] | | |
| Operating Position | UNIVERSAL [Any or Universal (U)] | Operating and Electrical | |
| Life to 50% Failures (Nom) | 20,000 hour(s) | Power Consumption | 73.0 W |
| | | Voltage (Nom) | 85 V |
| Light Technical | | Voltage (Nom) | 85 V |
| Color Code | 930 [CCT of 3000K] | | |
| Color Designation | Warm White (WW) | Controls and Dimming | |
| Chromaticity Coordinate X (Nom) | 0.435 | Dimmable | No |
| Chromaticity Coordinate Y (Nom) | 0.396 | | |
| Correlated Color Temperature (Nom) | 3000 K | Mechanical and Housing | |
| Luminous Efficacy (rated) (Nom) | 107 lm/W | Bulb Finish | Clear |
| Color rendering index (CRI) | 90 | Bulb Shape | T14 [T 14 mm] |

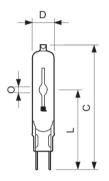
MASTERColour CDM-TC Elite

| Approval and Application | |
|-------------------------------|--------|
| Mercury (Hg) Content (Nom) | 6.6 mg |
| Energy Consumption kWh/1000 h | 80 kWh |
| | |
| Product Data | |

| Order product name | MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12 | | |
|--------------------|--|--|--|
| Full product name | MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12 | | |
| Full product code | 871869643732200 | | |

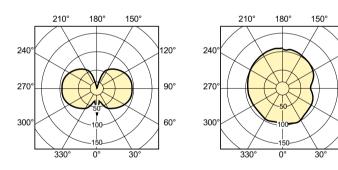
| Order code | 928189505105 |
|---------------------------------|---------------|
| Material Nr. (12NC) | 928189505105 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696437322 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8718696437339 |
| | |

Dimensional drawing



| Product | D (max) | 0 | L (min) | L (max) | L | C (max) |
|------------------------------|---------|---------|---------|---------|-------|---------|
| MASTERC CDM-TC Elite 70W/930 | 15 mm | 7.15 mm | 51 mm | 53 mm | 52 mm | 85 mm |
| G8.5 1CT/12 | | | | | | |

Photometric data



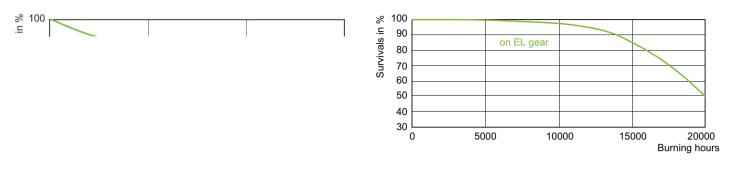
Light Distribution Diagram - MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12



Spectral Power Distribution Colour - MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12

MASTERColour CDM-TC Elite

Lifetime



Lumen Maintenance Diagram - MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12 Life Expectancy Diagram - MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12



© 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.