



MASTERColour CDM-TC Elite

MASTERC CDM-TC Elite 70W/942 G8.5 1CT

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)
- 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

| Operating and Electrical | | | | | |
|----------------------------|----------------------------------|--|--|--|--|
| Power Consumption | 73.2 W | | | | |
| Voltage (Nom) | 88 V | | | | |
| Voltage (Nom) | 88 V | | | | |
| | | | | | |
| General Information | | | | | |
| Cap-Base | G8.5 [G8.5] | | | | |
| Operating Position | UNIVERSAL [Any or Universal (U)] | | | | |
| Flux measurement reference | Sphere | | | | |
| | | | | | |
| Light Technical | | | | | |
| Color Code | 942 [CCT of 4200K] | | | | |
| Luminous Flux | 7,450 lumen | | | | |
| 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) | 102 lm/W |
| Color rendering index (CRI) | 92 |
| | |
| Controls and Dimming | |
| Dimmable | No |
| | |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Shape | T14 [T 14 mm] |
| | |

Datasheet, 2023, May 21 data subject to change

MASTERColour CDM-TC Elite

| Approval and Application | | | | | |
|-------------------------------|---------------------------------------|--|--|--|--|
| Mercury (Hg) Content (Max) | 6.6 mg | | | | |
| Mercury (Hg) Content (Nom) | 6.6 mg | | | | |
| Energy Consumption kWh/1000 h | 74 kWh | | | | |
| EPREL Registration Number | 473,275 | | | | |
| | | | | | |
| Product Data | | | | | |
| Full product code | 871829116368800 | | | | |
| Order product name | MASTERC CDM-TC Elite 70W/942 G8.5 1CT | | | | |
| | | | | | |

| Order code | 928193905131 |
|---------------------------------|---------------------------------------|
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material number (12NC) | 928193905131 |
| Full product name | MASTERC CDM-TC Elite 70W/942 G8.5 1CT |
| EAN/UPC - Case | 8718291163695 |
| | |

Dimensional drawing

D .

| Product | D (max) | 0 | L (min) | L (max) | L | C (max) |
|----------------------|---------|---------|---------|---------|-------|---------|
| MASTERC CDM-TC Elite | 15 mm | 7.75 mm | 51 mm | 53 mm | 52 mm | 85 mm |
| 70W/942 G8.5 1CT | | | | | | |

Photometric data





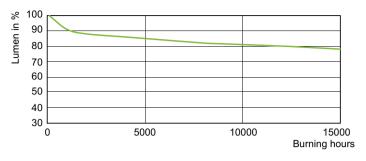


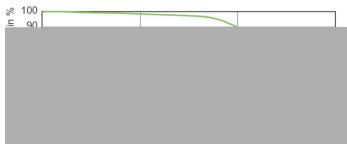
Spectral Power Distribution Colour - MASTERC CDM-TC Elite 70W/942 G8.5 1CT

Light Distribution Diagram - MASTERC CDM-TC Elite 70W/942 G8.5 1CT

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Lifetime





Lumen Maintenance Diagram - MASTERC CDM-TC Elite 70W/942 G8.5 1CT

Life Expectancy Diagram - MASTERC CDM-TC Elite 70W/942 G8.5 1CT



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