



MASTERColour CDM-T Elite

MASTERC CDM-T Elite 70W/942 G12 1CT

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. 35W & 70W lamps may also use electromagnetic 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 | G12 |
| Operating Position | UNIVERSAL [Any or Universal (U)] |
| Life to 50% Failures (Nom) | 15,000 hour(s) |
| Light Technical | |
| Color Code | 942 [CCT of 4200K] |
| Color Designation | Cool White (CW) |
| Chromaticity Coordinate X (Nom) | 0.362 |
| Chromaticity Coordinate Y (Nom) | 0.363 |
| Correlated Color Temperature (Nom) | 4200 K |
| Luminous Efficacy (rated) (Nom) | 100 lm/W |
| Color rendering index (CRI) | 90 |

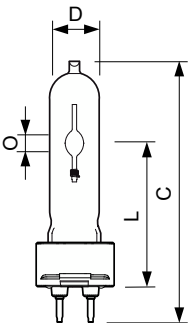
| Arc Length O (Nom) | 7.75 mm |
|--------------------------|---------|
| Operating and Electrical | |
| Power Consumption | 73.2 W |
| Voltage (Nom) | 87 V |
| Voltage (Nom) | 87 V |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Shape | T19 |

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| | |
|-------------------------------|-------------------------------------|
| Approval and Application | |
| Mercury (Hg) Content (Nom) | 6.6 mg |
| Energy Consumption kWh/1000 h | 80 kWh |
| Product Data | |
| Order product name | MASTERC CDM-T Elite 70W/942 G12 1CT |
| Full product name | MASTERC CDM-T Elite 70W/942 G12 1CT |
| Full product code | 871869648457900 |

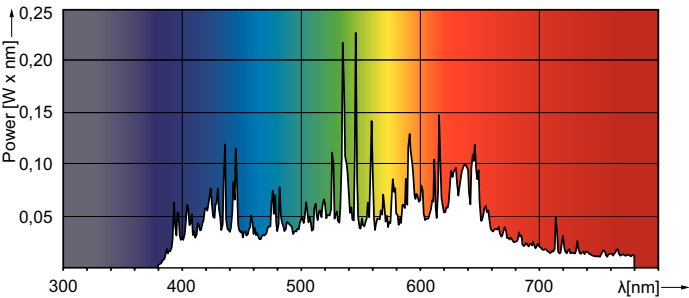
| | |
|---------------------------------|---------------|
| Order code | 928193705129 |
| Material Nr. (12NC) | 928193705129 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696484579 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8718696484586 |

Dimensional drawing

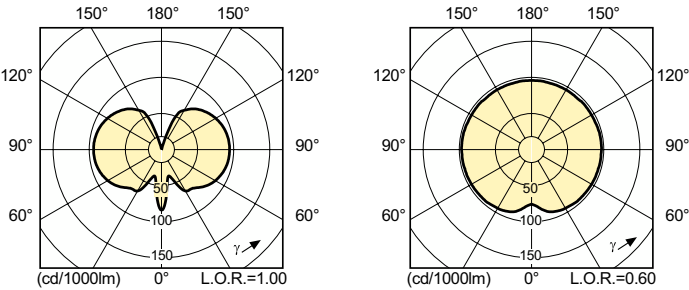


| Product | D (max) | O | L (min) | L (max) | L | C (max) |
|-------------------------------------|---------|---------|---------|---------|-------|---------|
| MASTERC CDM-T Elite 70W/942 G12 1CT | 20 mm | 7.75 mm | 55 mm | 57 mm | 56 mm | 103 mm |

Photometric data



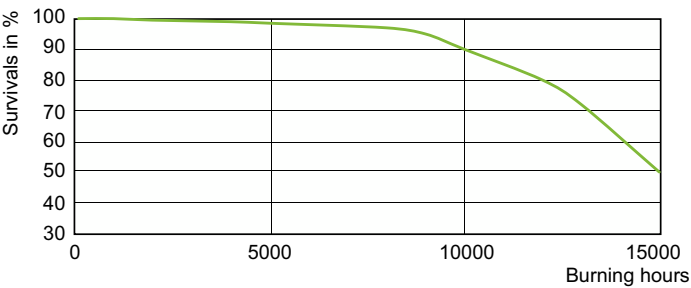
Spectral Power Distribution Colour - MASTERC CDM-T Elite 70W/942 G12 1CT



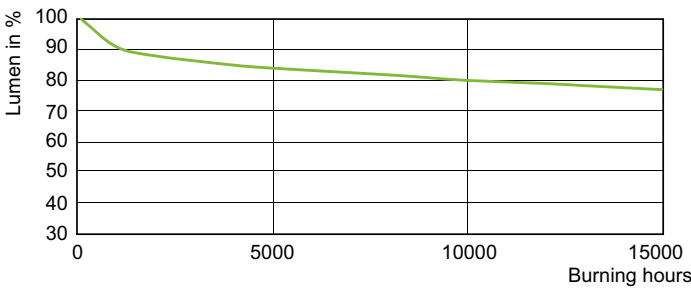
Light Distribution Diagram - MASTERC CDM-T Elite 70W/942 G12 1CT

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Lifetime



Life Expectancy Diagram - MASTERC CDM-T Elite 70W/942 G12 1CT



Lumen Maintenance Diagram - MASTERC CDM-T Elite 70W/942 G12 1CT

