PHILIPS Lighting



MASTERColour CDM-T Elite

MASTERC CDM-T Elite 70W/942 G12 1CT/12

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. 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 | | Arc Length O (Nom) | 7.75 mm | |
|------------------------------------|----------------------------------|--------------------------|--------------|--|
| Cap-Base | G12 [G12] | | | |
| Operating Position | UNIVERSAL [Any or Universal (U)] | Operating and Electrical | | |
| ife to 50% Failures (Nom) | 15,000 hour(s) | Power Consumption | 73 W | |
| | | Voltage (Nom) | 87 V | |
| Light Technical | | Voltage (Nom) | 87 V | |
| Color Code | 942 [CCT of 4200K] | | | |
| Color Designation | Cool White (CW) | Controls and Dimming | | |
| Chromaticity Coordinate X (Nom) | 0.362 | Dimmable | No | |
| Chromaticity Coordinate Y (Nom) | 0.363 | | | |
| Correlated Color Temperature (Nom) | 4200 K | Mechanical and Housing | | |
| Luminous Efficacy (rated) (Nom) | 100 lm/W | Bulb Finish | Clear | |
| Color rendering index (CRI) | 90 | Bulb Shape | T19 [T 19mm] | |

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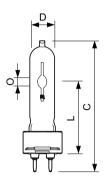
| Approval and Application | | | |
|-------------------------------|--|--|--|
| Mercury (Hg) Content (Nom) | 6.6 mg | | |
| Energy Consumption kWh/1000 h | 80 kWh | | |
| | | | |
| Product Data | | | |
| Order product name | MASTERC CDM-T Elite 70W/942 G12 1CT/12 | | |
| Full product name | MASTERC CDM-T Elite 70W/942 G12 1CT/12 | | |

692059027737500

| Order code | 928193705193 | | |
|---------------------------------|---------------|--|--|
| Material Nr. (12NC) | 928193705193 | | |
| Numerator - Quantity Per Pack | 1 | | |
| EAN/UPC - Product/Case | 6920590277375 | | |
| Numerator - Packs per outer box | 12 | | |
| EAN/UPC - Case | 6920590277382 | | |
| | | | |

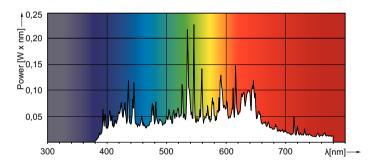
Dimensional drawing

Full product code

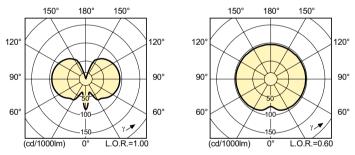


| Product | D (max) | 0 | L (min) | L (max) | L | C (max) |
|-----------------------------|---------|---------|---------|---------|-------|---------|
| MASTERC CDM-T Elite 70W/942 | 20 mm | 7.75 mm | 55 mm | 57 mm | 56 mm | 103 mm |
| G12 1CT/12 | | | | | | |

Photometric data



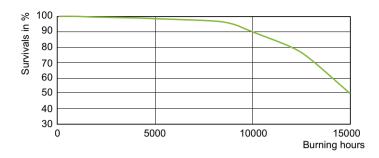
Spectral Power Distribution Colour - MASTERC CDM-T Elite 70W/942 G12 1CT/12



Light Distribution Diagram - MASTERC CDM-T Elite 70W/942 G12 1CT/12

MASTERColour CDM-T Elite

Lifetime



Life Expectancy Diagram - MASTERC CDM-T Elite 70W/942 G12 1CT/12

Lumen Maintenance Diagram - MASTERC CDM-T Elite 70W/942 G12 1CT/12



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www.lighting.philips.com 2023, September 22 - data subject to change