



MASTERColour CDM-T

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

Range of single-ended, compact, high-efficiency, discharge lamps with a stable color over lifetime and a crisp, sparkling light

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- $\boldsymbol{\cdot}$ The luminaire must be able to contain hot lamp parts if the lamp ruptures
- \cdot Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Lamps may use electronic or electromagnetic control gear, except 35W/942 and 20W lamps, which must use electronic control gear.
- 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 [G12] | | | | |
| Operating Position | UNIVERSAL [Any or Universal (U)] | | | | |
| Life to 50% Failures (Nom) | 12,000 hour(s) | | | | |
| | | | | | |
| Light Technical | | | | | |
| Color Code | 942 [CCT of 4200K] | | | | |
| Color Designation | Cool White (CW) | | | | |
| Chromaticity Coordinate X (Nom) | 0.377 | | | | |
| Chromaticity Coordinate Y (Nom) | 0.376 | | | | |
| Correlated Color Temperature (Nom) | 4200 K | | | | |
| Luminous Efficacy (rated) (Nom) | 85 lm/W | | | | |
| Color rendering index (CRI) | 92 | | | | |
| | | | | | |

| Arc Length O (Nom) | 6 mm |
|--------------------------|--------|
| | |
| Operating and Electrical | |
| Power Consumption | 73.2 W |
| Voltage (Nom) | 88 V |
| Voltage (Nom) | 88 V |
| | |
| Controls and Dimming | |
| Dimmable | No |
| | |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| | |

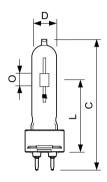
Datasheet, 2023, April 14 data subject to change

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| Bulb Shape | T19 [T 19mm] | | | | |
|-------------------------------|----------------------------------|--|--|--|--|
| | | | | | |
| Approval and Application | | | | | |
| Mercury (Hg) Content (Nom) | 6.1 mg | | | | |
| Energy Consumption kWh/1000 h | 80 kWh | | | | |
| | | | | | |
| Product Data | | | | | |
| Order product name | MASTERC CDM-T 70W/942 G12 1CT/12 | | | | |
| Full product name | MASTERC CDM-T 70W/942 G12 1CT/12 | | | | |

| Full product code | 871869648449400 |
|---------------------------------|-----------------|
| Order code | 928084505129 |
| Material Nr. (12NC) | 928084505129 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696484494 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8718696484500 |
| | |

Dimensional drawing



| Product | D (max) | D | 0 | L (min) | L (max) | L | C (max) |
|--------------------|---------|-----------|------|---------|---------|-------|---------|
| MASTERC CDM-T | 20 mm | 0.75 inch | 6 mm | 55 mm | 57 mm | 56 mm | 103 mm |
| 70W/942 G12 1CT/12 | | | | | | | |

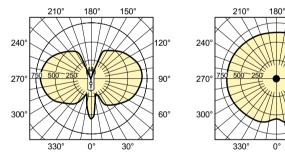
120°

90°

60°

Photometric data



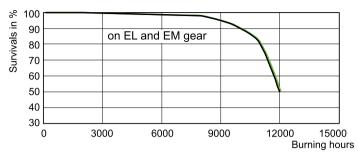


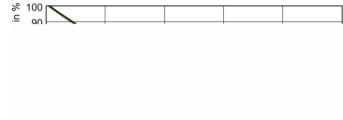
Spectral Power Distribution Colour - MASTERC CDM-T 70W/942 G12 1CT/12

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

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Lifetime





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

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



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