



# MASTERColour CDM-T

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

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

### Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- Lamps may use electronic or electromagnetic control gear, except 35W/942 and 20W lamps, which must use electronic control gear.
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- 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.
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### Product data

| General Information        |                                  |
|----------------------------|----------------------------------|
| Cap-Base                   | 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              |

MASTERCoulour CDM-T

|                                    |         |
|------------------------------------|---------|
| 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 |
| Bulb Shape  | T19   |

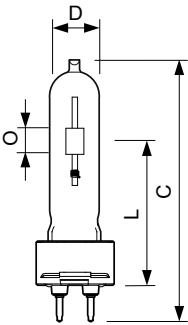
Approval and Application

|                               |        |
|-------------------------------|--------|
| Mercury (Hg) Content (Nom)    | 6.1 mg |
| Energy Consumption kWh/1000 h | 80 kWh |

Product Data

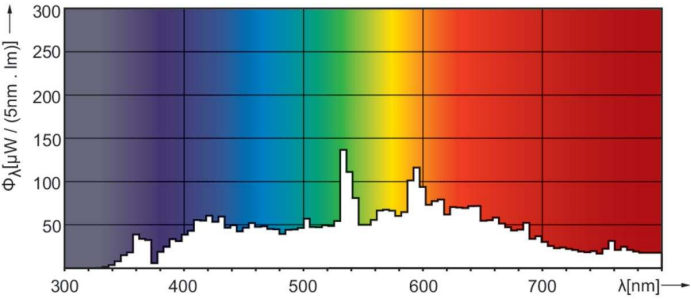
|                                 |                                  |
|---------------------------------|----------------------------------|
| Order product name              | MASTERC CDM-T 70W/942 G12 1CT/12 |
| Full product name               | MASTERC CDM-T 70W/942 G12 1CT/12 |
| Full product code               | 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

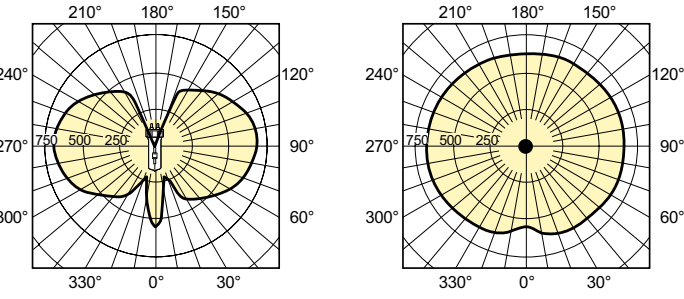


| Product                             | D (max) | D         | O    | L (min) | L (max) | L     | C (max) |
|-------------------------------------|---------|-----------|------|---------|---------|-------|---------|
| MASTERC CDM-T<br>70W/942 G12 1CT/12 | 20 mm   | 0.75 inch | 6 mm | 55 mm   | 57 mm  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

Photometric data



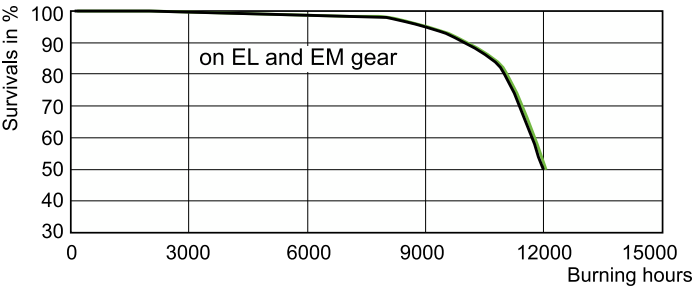
Spectral Power Distribution Colour - MASTERC CDM-T 70W/942 G12 1CT/12



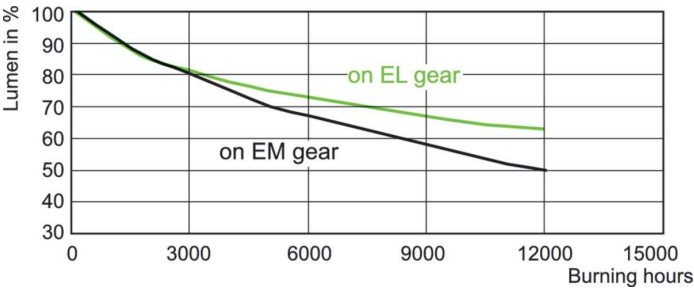
Light Distribution Diagram - MASTERC CDM-T 70W/942 G12 1CT/12

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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

