



# MASTERCcolour CDM-T



## MASTERCcolour 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)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- 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                              |
| Operating position          | UNIVERSAL [Any or Universal (U)] |
| Flux measurement reference  | Sphere                           |
| Life to 50% failures (nom.) | 12,000 h                         |

| Light Technical                 |                    |
|---------------------------------|--------------------|
| Colour Code                     | 942 [CCT of 4200K] |
| Luminous Flux                   | 6,200 lm           |
| Colour designation              | Cool White (CW)    |
| Chromaticity Coordinate X (Nom) | 0.371              |
| Chromaticity Coordinate Y (Nom) | 0.366              |
| Correlated Colour Temperature   | 4200 K             |

|                                  |         |
|----------------------------------|---------|
| Luminous efficacy (rated) (nom.) | 85 lm/W |
| Colour rendering index (CRI)     | 92      |
| Arc Length O (Nom)               | 6 mm    |

| Operating and Electrical |        |
|--------------------------|--------|
| Power Consumption        | 73.2 W |
| Voltage (nom.)           | 88 V   |
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| Controls and Dimming |    |
|----------------------|----|
| Dimmable             | No |

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## Mechanical and Housing

|             |       |
|-------------|-------|
| Lamp Finish | Clear |
| Bulb shape  | T19   |

## Approval and Application

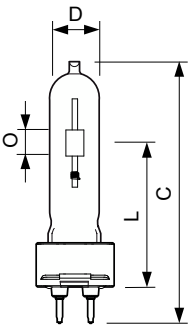
|                                    |        |
|------------------------------------|--------|
| Energy Efficiency Class            | G      |
| Mercury (Hg) content (max.)        | 6.1 mg |
| Mercury (Hg) content (nom.)        | 6.1 mg |
| Energy consumption kWh/1,000 hours | 74 kWh |
| EPREL registration number          | 473337 |

## Product Data

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

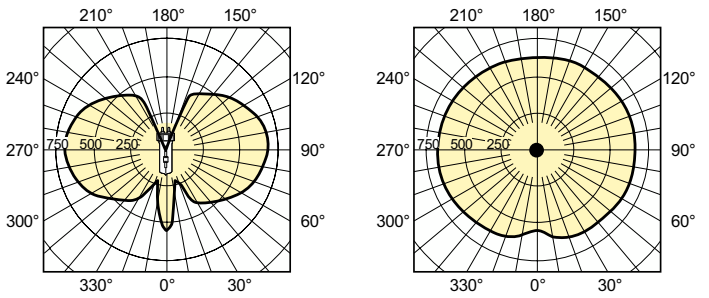
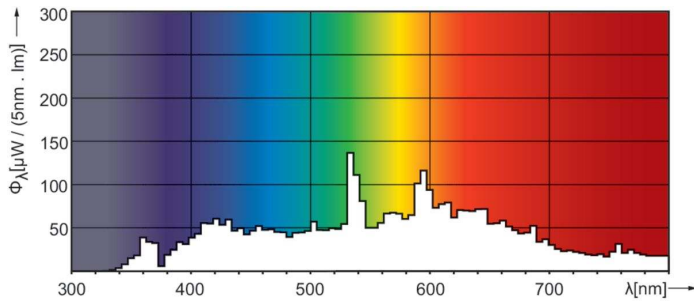
|                                   |   |
|-----------------------------------|---|
| Full product name                 | MASTERC colour CDM-T 70W/942 G12 1CT/12 |
| Full EOC                          | 871150019927015                         |
| Order code                        | 19927015                                |
| Material no. (12 NC)              | 928084505131                            |
| Local order code                  | 70CDMT942                               |
| SAP numerator – quantity per pack | 1                                       |
| EAN/UPC – Product/Case            | 8711500199270                           |
| Numerator – packs per outer box   | 12                                      |
| EAN/UPC – Case                    | 8711500199287                           |

## Dimensional drawing



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

## Photometric data

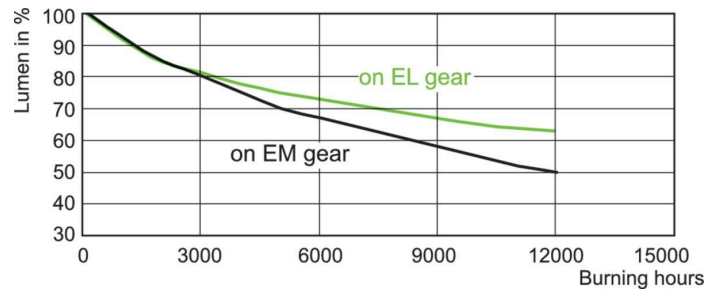
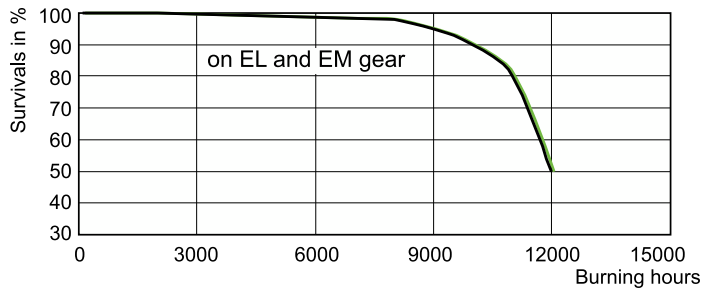


Spectral Power Distribution Colour - MASTERC CDM-T 70W/942 G12 1CT/12

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

