



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 | | Life to 50% Failures (Nom) | |
|----------------------------|----------------------------------|----------------------------|--------------------|
| Cap-Base | G12 | | 12,000 hour(s) |
| Operating Position | UNIVERSAL [Any or Universal (U)] | Light Technical | |
| Flux measurement reference | Sphere | Color Code | 942 [CCT of 4200K] |
| | | Luminous Flux | 6,200 lm |

MASTERCoulour CDM-T

| | |
|------------------------------------|-----------------|
| Color Designation | Cool White (CW) |
| Chromaticity Coordinate X (Nom) | 0.371 |
| Chromaticity Coordinate Y (Nom) | 0.366 |
| 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 |

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|--------------------|----------|
| Bulb Finish | Clear |
| Bulb Shape | T19 |
| Net Weight (Piece) | 0.029 kg |

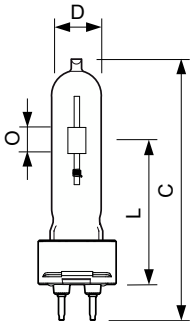
Approval and Application

| | |
|-------------------------------|--------|
| Energy Efficiency Class | G |
| Mercury (Hg) Content (Max) | 6.1 mg |
| Mercury (Hg) Content (Nom) | 6.1 mg |
| Energy Consumption kWh/1000 h | 74 kWh |
| EPREL Registration Number | 473337 |
| CE mark | Yes |

Product Data

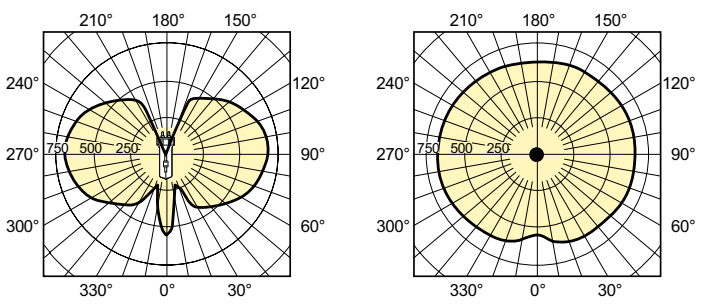
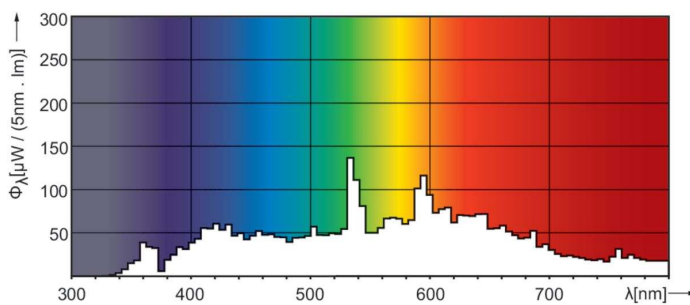
| | |
|---------------------------------|----------------------------------|
| Order product name | MASTERC CDM-T 70W/942 G12 1CT/12 |
| Full product name | MASTERC CDM-T 70W/942 G12 1CT/12 |
| Full product code | 871150019927015 |
| Order code | 928084505131 |
| Material Nr. (12NC) | 928084505131 |
| 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 inch | 6 mm | 55 mm | 57 mm | 56 mm | 103 mm |

Photometric data

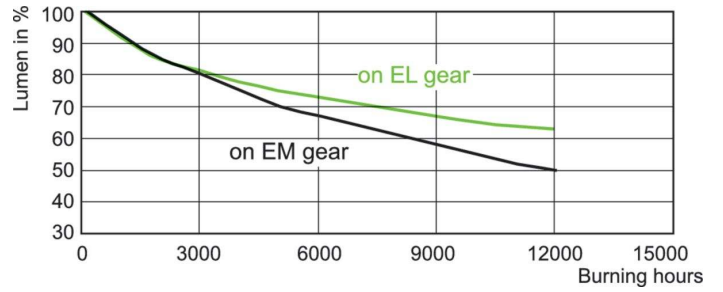
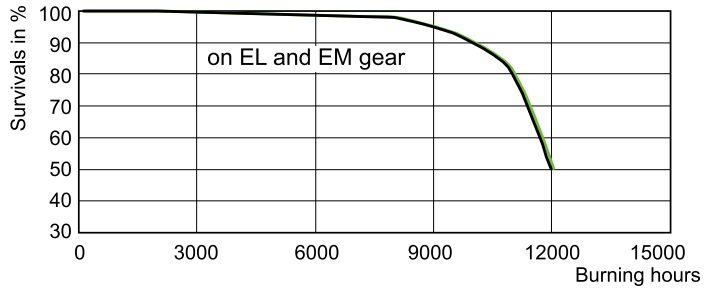


Spectral Power Distribution Colour - MASTERC CDM-T 70W/942 G12 1CT/12

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

MASTERC colour CDM-T

Lifetime



LDLE_CDM-T_70W_942-Life expectancy diagram

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

