



MASTERColour CDM-T

MASTERC CDM-T 250W/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 | | Luminous Efficacy (rated) (Nom) | |
|------------------------------------|----------------------------------|---------------------------------|--|
| Cap-Base | G12 [G12] | 105 lm/W | |
| Operating Position | UNIVERSAL [Any or Universal (U)] | Color rendering index (CRI) | |
| Flux measurement reference | Sphere | 91 | |
| Life to 50% Failures (Nom) | 15,000 hour(s) | Arc Length O (Nom) | |
| | | 12.3 mm | |
| Light Technical | | Operating and Electrical | |
| Color Code | 942 [CCT of 4200K] | Power Consumption | |
| Luminous Flux | 26,250 lm | 250.0 W | |
| Color Designation | Cool White (CW) | Voltage (Nom) | |
| Chromaticity Coordinate X (Nom) | 0.371 | 93 V | |
| Chromaticity Coordinate Y (Nom) | 0.366 | Voltage (Nom) | |
| Correlated Color Temperature (Nom) | 4200 K | 93 V | |
| | | Controls and Dimming | |
| | | Dimmable | |
| | | No | |

MASTERC colour CDM-T

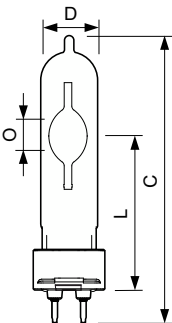
| | |
|------------------------|--------------|
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Shape | T24 [T 24mm] |

| | |
|-------------------------------|---------|
| Approval and Application | |
| Energy Efficiency Class | F |
| Mercury (Hg) Content (Max) | 20 mg |
| Mercury (Hg) Content (Nom) | 20.0 mg |
| Energy Consumption kWh/1000 h | 250 kWh |
| EPREL Registration Number | 473354 |

| | |
|--------------------|-----------------------------------|
| Product Data | |
| Order product name | MASTERC CDM-T 250W/942 G12 1CT/12 |

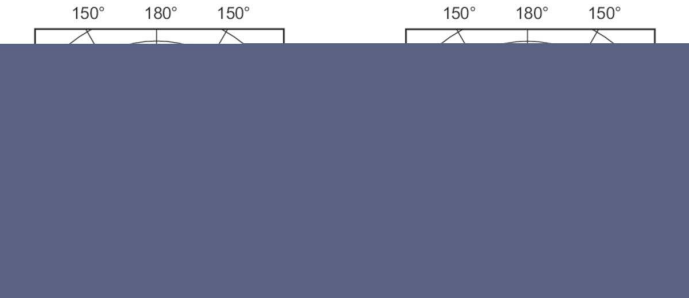
| | |
|---------------------------------|-----------------------------------|
| Full product name | MASTERC CDM-T 250W/942 G12 1CT/12 |
| Full product code | 871150021112515 |
| Order code | 928094205131 |
| Material Nr. (12NC) | 928094205131 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8711500211125 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8711500211132 |

Dimensional drawing

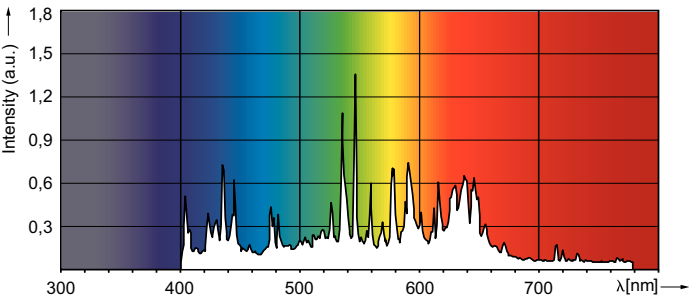


| Product | D (max) | O | L (min) | L (max) | L | C (max) |
|--------------------------------------|---------|---------|---------|---------|---------|---------|
| MASTERC CDM-T 250W/942 G12 1CT/12 | 25 mm | 12.3 mm | 71.5 mm | 73.5 mm | 72.5 mm | 135 mm |

Photometric data



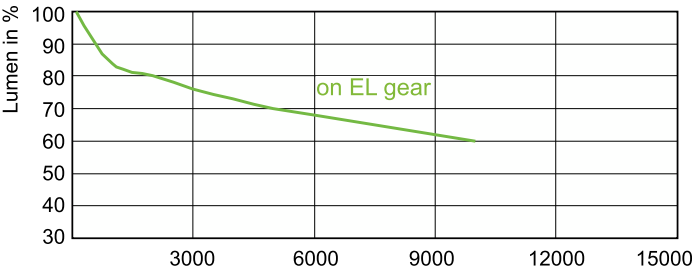
Light Distribution Diagram - MASTERC CDM-T 250W/942 G12 1CT/12



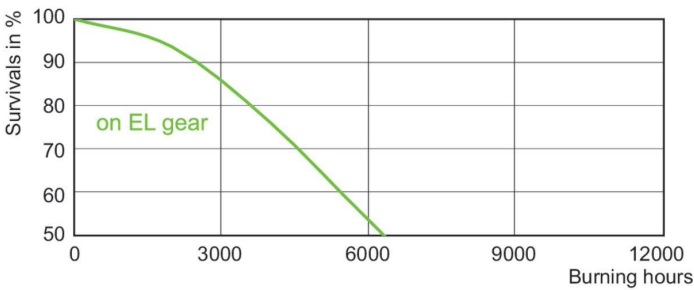
Spectral Power Distribution Colour - MASTERC CDM-T 250W/942 G12 1CT/12

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Lifetime



Lumen Maintenance Diagram - MASTERC CDM-T 250W/942 G12 1CT/12



Life Expectancy Diagram - MASTERC CDM-T 250W/942 G12 1CT/12

