Lighting

PHILIPS



MASTERColour CDM-T Elite

MASTERC CDM-T Elite 50W/942 G12 1CT

Single-ended, very high-efficiency, long-life Ceramic Metal Halide discharge lamp producing crisp white sparkling light with high color rendering

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- \cdot The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear. 35W & 70W lamps may also use electromagnetic gear.
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- 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 | | Color rendering index (CRI) | 90 |
|------------------------------------|----------------------------------|-----------------------------|--------------|
| Cap-Base | G12 [G12] | | |
| Operating Position | UNIVERSAL [Any or Universal (U)] | Operating and Electrical | |
| Flux measurement reference | Sphere | Power Consumption | 50.2 W |
| Life to 50% Failures (Nom) | 15,000 hour(s) | Voltage (Nom) | 91 V |
| | | Voltage (Nom) | 91 V |
| Light Technical | | | |
| Color Code | 942 [CCT of 4200K] | Controls and Dimming | |
| Luminous Flux | 5,000 lumen | Dimmable | No |
| Color Designation | Cool White (CW) | | |
| Chromaticity Coordinate X (Nom) | 0.371 | Mechanical and Housing | |
| Chromaticity Coordinate Y (Nom) | 0.366 | Bulb Finish | Clear |
| Correlated Color Temperature (Nom) | 4200 K | Bulb Shape | T19 [T 19mm] |
| Luminous Efficacy (rated) (Nom) | 100 lm/W | | |

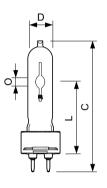
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MASTERColour CDM-T Elite

| Approval and Application | | | |
|-------------------------------|-------------------------------------|--|--|
| Energy Efficiency Class | F | | |
| Mercury (Hg) Content (Max) | 5.7 mg | | |
| Mercury (Hg) Content (Nom) | 5.7 mg | | |
| Energy Consumption kWh/1000 h | 51 kWh | | |
| EPREL Registration Number | 1519238 | | |
| | | | |
| Product Data | | | |
| Full product code | 871829120159500 | | |
| Order product name | MASTERC CDM-T Elite 50W/942 G12 1CT | | |

| Order code | 928080015131 | | |
|---------------------------------|-------------------------------------|--|--|
| Numerator - Quantity Per Pack | 1 | | |
| Numerator - Packs per outer box | 12 | | |
| Material Nr. (12NC) | 928080015131 | | |
| Full product name | MASTERC CDM-T Elite 50W/942 G12 1CT | | |
| EAN/UPC - Case | 8718291201601 | | |
| EAN/UPC - Product/Case | 8718291201595 | | |
| | | | |

Dimensional drawing



MASTERC CDM-T Elite 50W/942 20 mm 7.1 mm 55 mm 57 mm 56 mm 103 mm G12 1CT

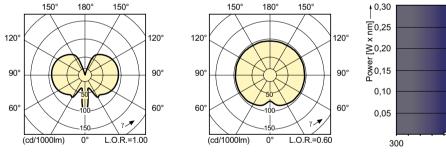
D (max) O

L(min) L(max) L

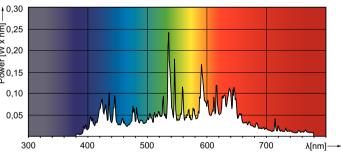
C (max)

Product

Photometric data



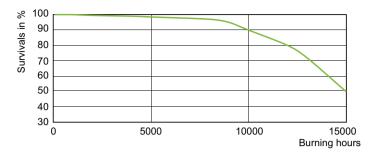
Light Distribution Diagram - MASTERC CDM-T Elite 50W/942 G12 1CT



Spectral Power Distribution Colour - MASTERC CDM-T Elite 50W/942 G12 1CT

MASTERColour CDM-T Elite

Lifetime



Life Expectancy Diagram - MASTERC CDM-T Elite 50W/942 G12 1CT

% 100 .⊆ 90

Lumen Maintenance Diagram - MASTERC CDM-T Elite 50W/942 G12 1CT



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www.lighting.philips.com 2023, October 9 - data subject to change