



MASTERColour CDM-T Elite

MASTERC CDM-T Elite 100W/942 G12 1CT

Single-ended, high-efficiency Ceramic Metal Halide discharge lamp

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.
- \cdot 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 | | | | | |
|------------------------------------|----------------------------------|--|--|--|--|
| Cap-Base | G12 [G12] | | | | |
| Operating Position | UNIVERSAL [Any or Universal (U)] | | | | |
| Life to 50% Failures (Nom) | 15,000 hour(s) | | | | |
| | | | | | |
| Light Technical | | | | | |
| Color Code | 942 [CCT of 4200K] | | | | |
| Color Designation | Cool White (CW) | | | | |
| Chromaticity Coordinate X (Nom) | 0.373 | | | | |
| Chromaticity Coordinate Y (Nom) | 0.369 | | | | |
| Correlated Color Temperature (Nom) | 4200 K | | | | |
| Luminous Efficacy (rated) (Nom) | 105 lm/W | | | | |
| Color rendering index (CRI) | 91 | | | | |
| Arc Length O (Nom) | 8.5 mm | | | | |
| | | | | | |

| Operating and Electrical | | | | | |
|----------------------------|--------------|--|--|--|--|
| Power Consumption | 100 W | | | | |
| Voltage (Nom) | 88 V | | | | |
| Voltage (Nom) | 88 V | | | | |
| | | | | | |
| Controls and Dimming | | | | | |
| Dimmable | No | | | | |
| | | | | | |
| Mechanical and Housing | | | | | |
| Bulb Finish | Clear | | | | |
| Bulb Shape | T19 [T 19mm] | | | | |
| | | | | | |
| Approval and Application | | | | | |
| Mercury (Hg) Content (Nom) | 8.5 mg | | | | |

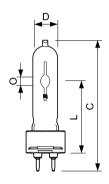
Datasheet, 2023, August 2 data subject to change

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| Energy Consumption kWh/1000 h | 110 kWh | | | | |
|-------------------------------|--------------------------------------|--|--|--|--|
| | | | | | |
| Product Data | | | | | |
| Order product name | MASTERC CDM-T Elite 100W/942 G12 1CT | | | | |
| Full product name | MASTERC CDM-T Elite 100W/942 G12 1CT | | | | |
| Full product code | 871829123178300 | | | | |
| Order code | 928064205131 | | | | |

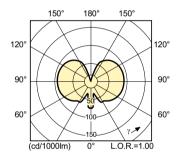
| Material Nr. (12NC) | 928064205131 |
|---------------------------------|---------------|
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291231783 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8718291231790 |
| | |

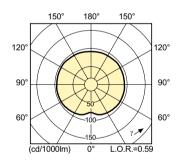
Dimensional drawing

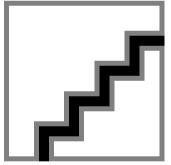


| Product | D (max) | 0 | L (min) | L (max) | L | C (max) |
|------------------------------|---------|--------|---------|---------|-------|---------|
| MASTERC CDM-T Elite 100W/942 | 20 mm | 8.5 mm | 55 mm | 57 mm | 56 mm | 110 mm |
| G12 1CT | | | | | | |

Photometric data





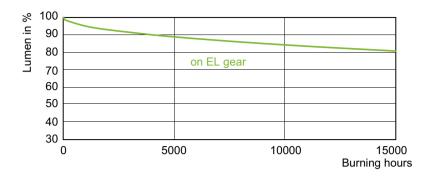


Light Distribution Diagram - MASTERC CDM-T Elite 100W/942 G12 1CT

Spectral Power Distribution Colour - MASTERC CDM-T Elite 100W/942 G12 1CT

MASTERColour CDM-T Elite

Lifetime



Lumen Maintenance Diagram - MASTERC CDM-T Elite 100W/942 G12 1CT



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