



MASTERColour CDM-T Elite

MASTERColour CDM-T Elite 70W/930 G12 1CT/12

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)
- 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 | | | | | |
|------------------------------------|----------------------------------|--|--|--|--|
| Cap-Base | G12 | | | | |
| Operating Position | UNIVERSAL [Any or Universal (U)] | | | | |
| Life to 50% Failures (Nom) | 20,000 hour(s) | | | | |
| | | | | | |
| Light Technical | | | | | |
| Color Code | 930 [CCT of 3000K] | | | | |
| Color Designation | Warm White (WW) | | | | |
| Chromaticity Coordinate X (Nom) | 0.435 | | | | |
| Chromaticity Coordinate Y (Nom) | 0.396 | | | | |
| Correlated Color Temperature (Nom) | 3000 K | | | | |
| Luminous Efficacy (rated) (Nom) | 103 lm/W | | | | |
| Color rendering index (CRI) | 90 | | | | |
| | | | | | |

| Arc Length O (Nom) | 7.15 mm |
|--------------------------|---------|
| | |
| Operating and Electrical | |
| Power Consumption | 73.2 W |
| Voltage (Nom) | 85 V |
| Voltage (Nom) | 85 V |
| | |
| Controls and Dimming | |
| Dimmable | No |
| | |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Shape | T19 |
| | |

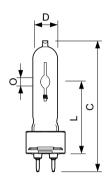
Datasheet, 2023, May 15 data subject to change

MASTERColour CDM-T Elite

| Approval and Application | |
|-------------------------------|---|
| Mercury (Hg) Content (Nom) | 6.6 mg |
| Energy Consumption kWh/1000 h | 80 kWh |
| | |
| Product Data | |
| Order product name | MASTERC CDM-T Elite 70W/930 G12 1CT/12 |
| Full product name | MASTERColour CDM-T Elite 70W/930 G12 1CT/12 |
| Full product code | 871869648455500 |

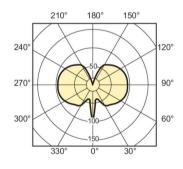
| Order code | 48455500 |
|---------------------------------|---------------|
| Material Nr. (12NC) | 928185305129 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696484555 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8718696484562 |
| | |

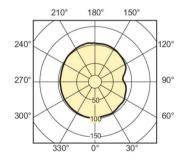
Dimensional drawing

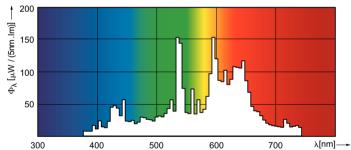


| Product | D (max) | 0 | L (min) | L (max) | L | C (max) |
|-----------------------------|---------|---------|---------|---------|-------|---------|
| MASTERC CDM-T Elite 70W/930 | 20 mm | 7.15 mm | 55 mm | 57 mm | 56 mm | 103 mm |
| G12 1CT/12 | | | | | | |

Photometric data





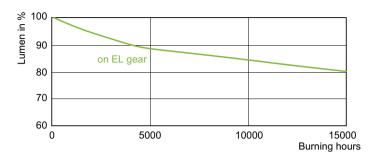


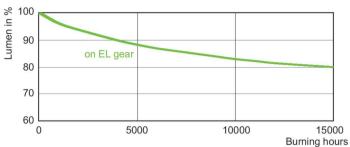
Light Distribution Diagram - MASTERC CDM-T Elite 70W/930 G12 1CT/12

Spectral Power Distribution Colour - MASTERC CDM-T Elite 70W/930 G12 1CT/12

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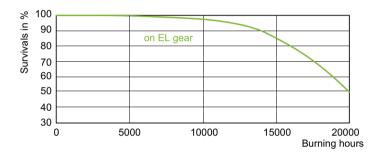
Lifetime





Lumen Maintenance Diagram - MASTERC CDM-T Elite 70W/930 G12 1CT/12

Lumen Maintenance Diagram - MASTERC CDM-T Elite 70W/930 G12 1CT/12



Life Expectancy Diagram - MASTERC CDM-T Elite 70W/930 G12 1CT/12



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