



# MASTERColour CDM-T Elite

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

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                              |  |  |  |  |
| 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    |  |  |  |
|                            |        |  |  |  |
| Approval and Application   |        |  |  |  |
| Mercury (Hg) Content (Nom) | 6.6 mg |  |  |  |

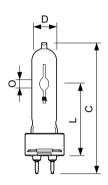
Datasheet, 2023, April 16 data subject to change

## **MASTERColour CDM-T Elite**

| Energy Consumption kWh/1000 h | 80 kWh                                 |  |  |  |  |
|-------------------------------|--|--|--|--|--|
|                               |  |  |  |  |  |
| Product Data                  |  |  |  |  |  |
| Order product name            | MASTERC CDM-T Elite 70W/930 G12 1CT/12 |  |  |  |  |
| Full product name             | MASTERC CDM-T Elite 70W/930 G12 1CT/12 |  |  |  |  |
| Full product code             | 871869648455500                        |  |  |  |  |
| Order code                    | 928185305129                           |  |  |  |  |
| Material Nr. (12NC)           | 928185305129                           |  |  |  |  |

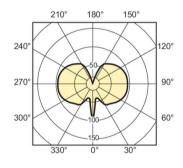
| Local order code                | CDMT70W930    |
|---------------------------------|---------------|
| Numerator - Quantity Per Pack   | 1             |
| EAN/UPC - Product/Case          | 8718696484555 |
| Numerator - Packs per outer box | 12            |
| EAN/UPC - Case                  | 8718696484562 |

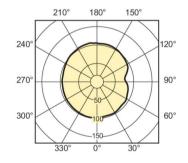
## Dimensional drawing

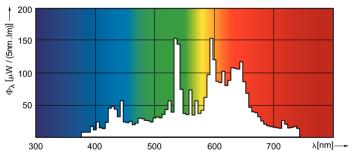


| Product                     | D (max) | 0       | L (min) | L (max) | L     | C (max) |
|-----------------------------|---------|---------|---------|---------|-------|---------|
| MASTERC CDM-T Elite 70W/930 | 20 mm   | 7.15 mm | 55 mm   | 57 mm   | 56 mm | 103 mm  |
| G12 1CT/12                  |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

### Photometric data





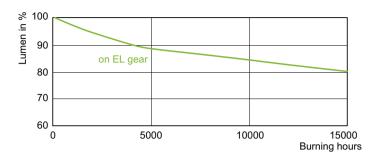


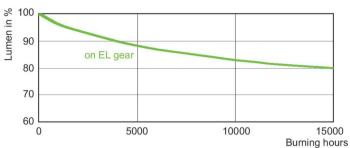
Light Distribution Diagram - MASTERC CDM-T Elite 70W/930 G12 1CT/12

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

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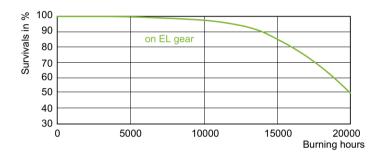
#### Lifetime





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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