



# MasterColor CDM-T T6 Elite

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

The Elite family is at the very top of the MasterColor CDM range, and gives a unique combination of unbeatable light quality and consistent performance over lifetime, while keeping running costs low. MasterColor metal halide lamps deliver consistent white light and higher color rendering than any standard metal halide source for architectural lighting.

### Warnings and Safety

- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

### Product data

|                                    |                                  |                                 |        |         |
|------------------------------------|----------------------------------|---------------------------------|--------|---------|
| <b>General Information</b>         |                                  | <b>Arc Length O (Nom)</b>       |        | 7.15 mm |
| Cap-Base                           | G12                              |                                 |        |         |
| Operating Position                 | UNIVERSAL [Any or Universal (U)] | <b>Operating and Electrical</b> |        |         |
| Life to 50% Failures (Nom)         | 20,000 hour(s)                   | Power Consumption               | 73.2 W |         |
|                                    |                                  | Voltage (Nom)                   | 85 V   |         |
| <b>Light Technical</b>             |                                  | <b>Controls and Dimming</b>     |        |         |
| Color Code                         | 930 [CCT of 3000K]               | Dimmable                        | No     |         |
| Color Designation                  | Warm White (WW)                  | <b>Mechanical and Housing</b>   |        |         |
| Chromaticity Coordinate X (Nom)    | 0.435                            | Bulb Finish                     | Clear  |         |
| Chromaticity Coordinate Y (Nom)    | 0.396                            | Bulb Shape                      | T19    |         |
| Correlated Color Temperature (Nom) | 3000 K                           |                                 |        |         |
| Luminous Efficacy (rated) (Nom)    | 103 lm/W                         |                                 |        |         |
| Color rendering index (CRI)        | 90                               |                                 |        |         |

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|                    |          |
|--------------------|----------|
| Net Weight (Piece) | 0.029 kg |
|--------------------|----------|

Approval and Application

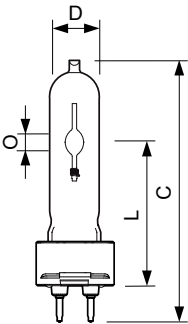
|                               |        |
|-------------------------------|--------|
| Mercury (Hg) Content (Nom)    | 6.6 mg |
| Energy Consumption kWh/1000 h | 80 kWh |

Product Data

|                    |                                         |
|--------------------|-----------------------------------------|
| Order product name | MASTERColor CDM-T Elite 70W/930 G12 1CT |
| Full product name  | MASTERColor CDM-T Elite 70W/930 G12 1CT |

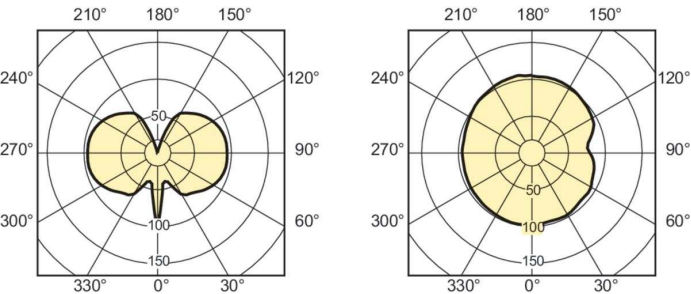
|                                 |                |
|---------------------------------|----------------|
| Order code                      | 409151         |
| Material Nr. (12NC)             | 928185305115   |
| Numerator - Quantity Per Pack   | 1              |
| EAN/UPC - Product/Case          | 046677409159   |
| Numerator - Packs per outer box | 12             |
| EAN/UPC - Case                  | 50046677409154 |

Dimensional drawing

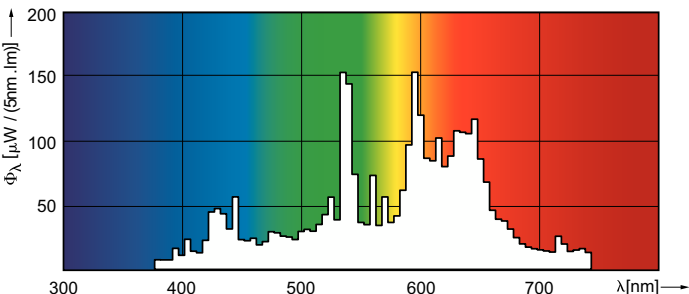


| Product                                 | D (max) | O       | L (min) | L (max) | L     | C (max) |
|-----------------------------------------|---------|---------|---------|---------|-------|---------|
| MASTERColor CDM-T Elite 70W/930 G12 1CT | 20 mm   | 7.15 mm | 55 mm   | 57 mm   | 56 mm | 103 mm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

Photometric data



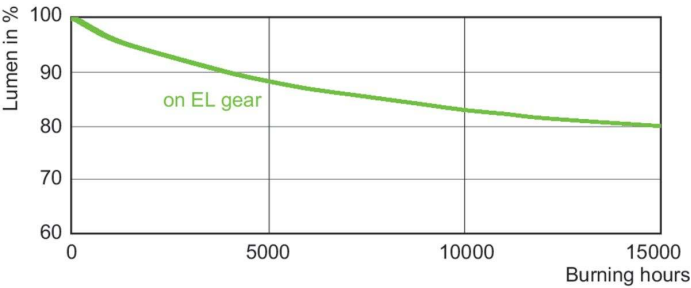
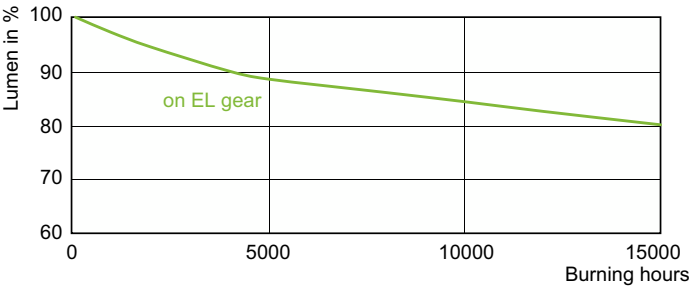
Light Distribution Diagram - MASTERColor CDM-T Elite 70W/930 G12 1CT



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

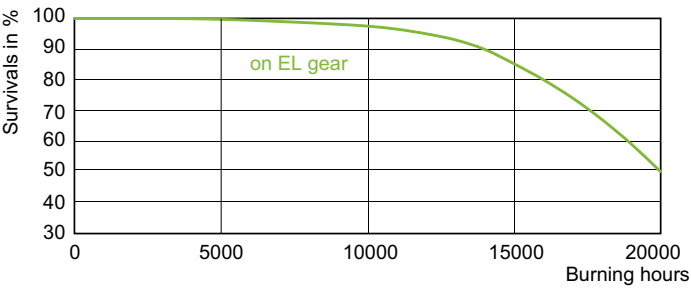
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Lifetime



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

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



LDLE\_CDM-T-E\_0006-Life expectancy diagram

