



# MasterColor CDM-TC T4 Elite

## CDM20/TC/830 Elite

Philips MasterColor CDM Evolution 3000K Tubular Single-Ended. T4 Lamp is the next evolution of MasterColor.

### 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

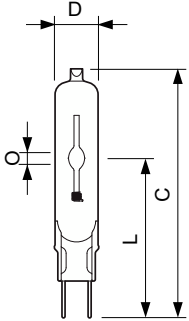
| General Information             |                                  | Voltage (Nom)                   |                 |
|---------------------------------|----------------------------------|---------------------------------|-----------------|
| Cap-Base                        | G8.5                             |                                 | 95 V            |
| Operating Position              | UNIVERSAL [Any or Universal (U)] | Voltage (Nom)                   | 95 V            |
| Life to 50% Failures (Nom)      | 20,000 hour(s)                   | <b>Controls and Dimming</b>     |                 |
| <b>Light Technical</b>          |                                  | Dimmable                        | No              |
| Color Code                      | 830 [CCT of 3000K]               | <b>Mechanical and Housing</b>   |                 |
| Color Designation               | Warm White (WW)                  | Bulb Finish                     | Clear           |
| Chromaticity Coordinate X (Nom) | 0.434                            | Bulb Material                   | UV-Block Quartz |
| Chromaticity Coordinate Y (Nom) | 0.391                            | Bulb Shape                      | T14             |
| Luminous Efficacy (rated) (Nom) | 87 lm/W                          | <b>Approval and Application</b> |                 |
| Color rendering index (CRI)     | 85                               | Mercury (Hg) Content (Nom)      | 3.5 mg          |
| Arc Length O (Nom)              | 4 mm                             | Energy Consumption kWh/1000 h   | 22 kWh          |
| <b>Operating and Electrical</b> |                                  |                                 |                 |
| Power Consumption               | 20.1 W                           |                                 |                 |

# MasterColor CDM-TC T4 Elite

| Product Data                  |                    |
|-------------------------------|--------------------|
| Order product name            | CDM20/TC/830 Elite |
| Full product name             | CDM20/TC/830 Elite |
| Order code                    | 928183405115       |
| Material Nr. (12NC)           | 928183405115       |
| Numerator - Quantity Per Pack | 1                  |

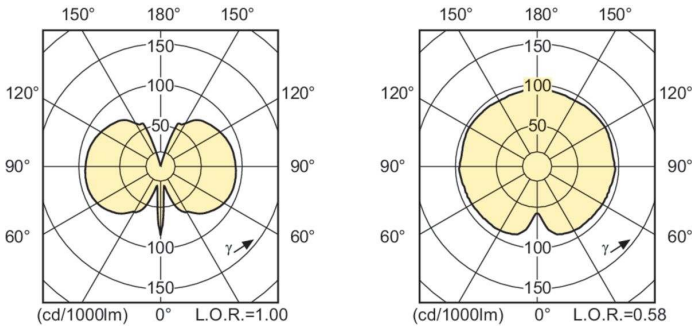
|                                 |                |
|---------------------------------|----------------|
| EAN/UPC - Product/Case          | 046677410469   |
| Numerator - Packs per outer box | 12             |
| EAN/UPC - Case                  | 50046677410464 |

## Dimensional drawing

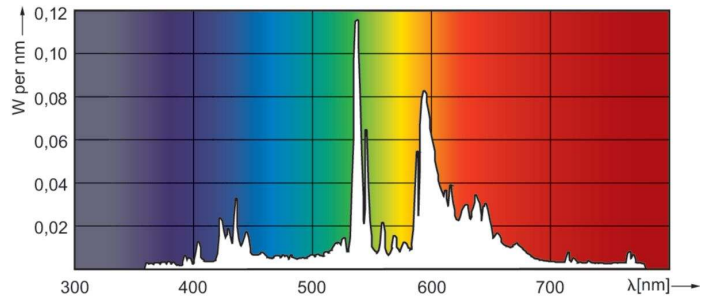


| Product            | D (max) | D         | O    | L (min) | L (max) | L     | C (max) |
|--------------------|---------|-----------|------|---------|---------|-------|---------|
| CDM20/TC/830 Elite | 15 mm   | 0.55 inch | 4 mm | 51 mm   | 53 mm   | 52 mm | 85 mm   |

## Photometric data

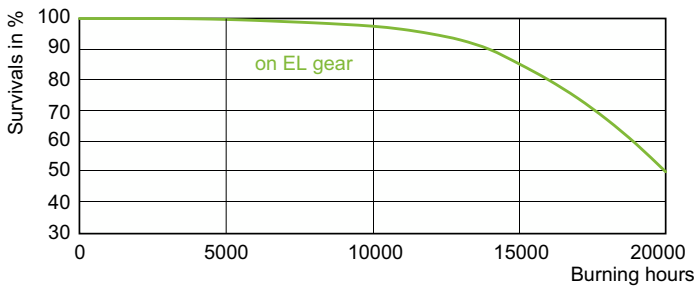


Light Distribution Diagram - CDM20/TC/830 Elite

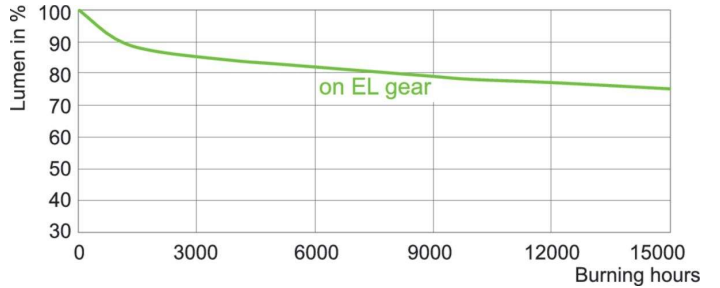


Spectral Power Distribution Colour - CDM20/TC/830 Elite

## Lifetime



Life Expectancy Diagram - CDM20/TC/830 Elite



Lumen Maintenance Diagram - CDM20/TC/830 Elite

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