# **PHILIPS** Lighting



# MASTERColour CDM-TC Elite

# MASTERColour CDM-TC Elite 70W/942 G8.5 1CT

Compact, 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)
- $\cdot$  The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control 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                |                                  | Arc Length O (Nom)       | 7.75 mm |  |
|------------------------------------|----------------------------------|--------------------------|---------|--|
| Cap-Base                           | G8.5                             |                          |         |  |
| Operating Position                 | UNIVERSAL [Any or Universal (U)] | Operating and Electrical |         |  |
| Life to 50% Failures (Nom)         | 15,000 hour(s)                   | Power Consumption        | 73.2 W  |  |
|                                    |                                  | Voltage (Nom)            | 88 V    |  |
| Light Technical                    |                                  | Voltage (Nom)            | 88 V    |  |
| Color Code                         | 942 [CCT of 4200K]               |                          |         |  |
| Color Designation                  | Cool White (CW)                  | Controls and Dimming     |         |  |
| Chromaticity Coordinate X (Nom)    | 0.365                            | Dimmable                 | No      |  |
| Chromaticity Coordinate Y (Nom)    | 0.363                            |                          |         |  |
| Correlated Color Temperature (Nom) | 4200 K                           | Mechanical and Housing   |         |  |
| Luminous Efficacy (rated) (Nom)    | 102 lm/W                         | Bulb Finish              | Clear   |  |
| Color rendering index (CRI)        | 92                               | Bulb Shape               | T14     |  |

## MASTERColour CDM-TC Elite

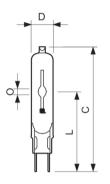
| Approval and Application      |  |  |
|-------------------------------|--|--|
| Mercury (Hg) Content (Nom)    | 6.6 mg                                     |  |
| Energy Consumption kWh/1000 h | 80 kWh                                     |  |
|                               |  |  |
| Product Data                  |  |  |
| Order product name            | MASTERC CDM-TC Elite 70W/942 G8.5 1CT      |  |
| Full product name             | MASTERColour CDM-TC Elite 70W/942 G8.5 1CT |  |

871869648473900

| Order code                      | 48473900      |
|---------------------------------|---------------|
| Material Nr. (12NC)             | 928193905129  |
| Numerator - Quantity Per Pack   | 1             |
| EAN/UPC - Product/Case          | 8718696484739 |
| Numerator - Packs per outer box | 12            |
| EAN/UPC - Case                  | 8718696484746 |
|                                 |               |

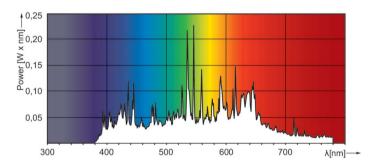
#### Dimensional drawing

Full product code

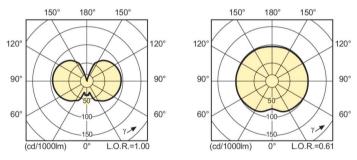


| Product              | D (max) | 0       | L (min) | L (max) | L     | C (max) |
|----------------------|---------|---------|---------|---------|-------|---------|
| MASTERC CDM-TC Elite | 15 mm   | 7.75 mm | 51 mm   | 53 mm   | 52 mm | 85 mm   |
| 70W/942 G8.5 1CT     |         |         |         |         |       |         |

#### Photometric data



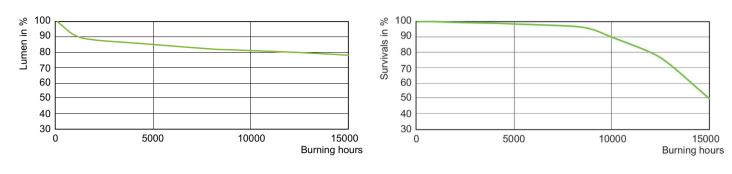
Spectral Power Distribution Colour - MASTERC CDM-TC Elite 70W/942 G8.5 1CT



Light Distribution Diagram - MASTERC CDM-TC Elite 70W/942 G8.5 1CT

## MASTERColour CDM-TC Elite

Lifetime



Lumen Maintenance Diagram - MASTERC CDM-TC Elite 70W/942 G8.5 1CT

Life Expectancy Diagram - MASTERC CDM-TC Elite 70W/942 G8.5 1CT



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