PHILIPS

Lighting



# MASTERColour CDM-T Warm

## MASTERColour CDM-T Warm 70W/925 G12

The world's most efficient and lowest-cost accent lighting is to become available in highly efficient sparkling warm light. CDM Warm is the only light source that combines very warm light with near-perfect color rendering and very high efficacy.

### Product data

| General Information | |
|---|---|
| Cap-Base | G12 [ G12] |
| Operating Position | UNIVERSAL [ Any or Universal (U)] |
| Life to 5% Failures (Nom) | 7000 h |
| Life to 10% Failures (Nom) | 8000 h |
| Life to 20% Failures (Nom) | 10000 h |
| Life to 50% Failures (Nom) | 15000 h |
| ANSI Code HID | - |

| Light Technical | |
|---|---|
| Color Code | 925 |
| Luminous Flux (Rated) (Nom) | 6500 lm |
| Color Designation | Warm |
| Lumen Maintenance 12000 h (Nom) | 82 % |
| Lumen Maintenance 10000 h (Nom) | 83 % |
| Lumen Maintenance 2000 h (Nom) | 94 % |
| Lumen Maintenance 4000 h (Nom) | 90 % |
| Lumen Maintenance 5000 h (Nom) | 88 % |
| Chromaticity Coordinate X (Nom) | 0.460 |
| Chromaticity Coordinate Y (Nom) | 0.405 |
| Correlated Color Temperature (Nom) | 2500 K |
| Luminous Efficacy (Rated) (Nom) | 89 lm/W |
| Color Rendering Index (Min) | - |
| Color Rendering Index (Nom) | 93 |

| Operating and Electrical | |
|---|---|
| Power (Rated) (Nom) | 73.0 W |
| Re-Ignition Time (Min) (Max) | 15 min |
| Ignition Time (Max) | 30 s |
| Voltage (Max) | 101 V |
| Voltage (Min) | 89 V |
| Voltage (Nom) | 95 V |

| Controls and Dimming | |
|---|---|
| Dimmable | No |
| Run-Up Time 90% (Max) | 3 min |

| Mechanical and Housing | |
|---|---|
| Bulb Finish | Clear |

| Approval and Application | |
|---|---|
| Energy Efficiency Label (EEL) | A+ |

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| | |
|---|---|
| **Mercury (Hg) Content (Nom)** | 8.6 mg |
| **Energy Consumption kWh/1000 h** | 80 kWh |

| **UV** | |
|---|---|
| **Pet (Niosh) (Min)** | 8 h/500lx |
| **Damage Factor D/fc (Max)** | 0.2 |

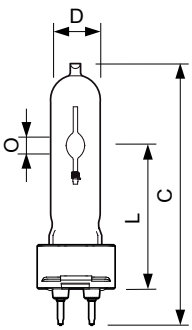
| **Luminaire Design Requirements** | |
|---|---|
| **Bulb Temperature (Max)** | 500 °C |
| **Cap-Base Temperature (Max)** | 250 °C |
| **Pinch Temperature (Max)** | 350 °C |

| **Product Data** | |
|---|---|
| **Full product code** | 871829120305600 |
| **Order product name** | MASTERColour CDM-T Warm 70W/925 G12 |
| **EAN/UPC - Product** | 8718291203056 |
| **Order code** | 928061405131 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 12 |
| **Material Nr. (12NC)** | 928061405131 |
| **Net Weight (Piece)** | 0.029 kg |
| **ILCOS Code** | MT/UB-70/925-H-G12-20/90 |

## 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
- 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.

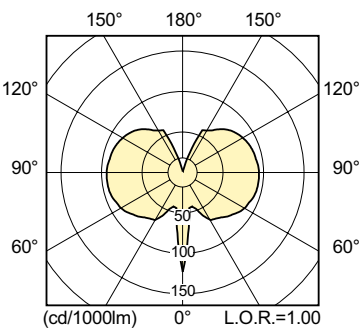
## Dimensional drawing

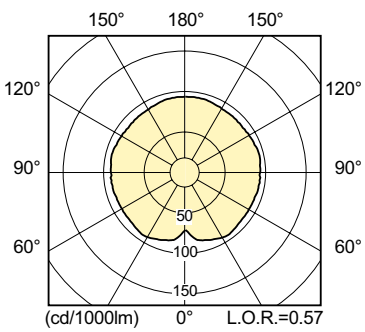



**CDM-T Warm 70W/925 G12**

| Product | D (max) | D | O | L (min) | L (max) | L | C (max) |
|---|---|---|---|---|---|---|---|
| MASTERColour CDM-T Warm 70W/925 G12 | 20 mm | 0.75 in | 5 mm | 55 mm | 57 mm | 56 mm | 103 mm |

## Photometric data




**CDM-T Warm 70W /925 G12**




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