



Product Description

MASTERCcolour CDM-TC

Range of single-ended, very compact, high-efficiency, discharge lamps with a stable colour over lifetime and a crisp, sparkling light

Benefits

- Long lamp life compared with incandescent and halogen lamps
- UV-Block quartz outer bulb for reduced fading risks
- Stable colour impression over lifetime
- High lamp efficacy results in low operating costs and low heat generation (which enhances comfort for shoppers and staff)

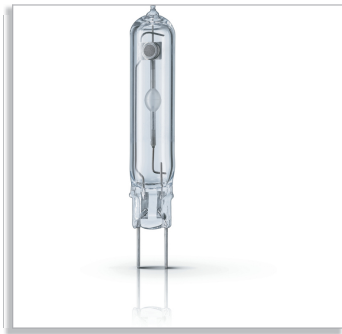
Features

- Warm or cool white colour impression with good colour rendering
- Allows very small-size luminaire designs that give high beam intensities

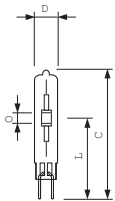
Application

- Sparkling effect, ideal for accent lighting
- General and decorative lighting

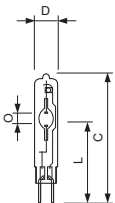
Related products



Dimensional drawing



| Product | C (Max) | D (Max) | L (Min) | L (Norm) | L (Max) | O (Min) | O (Norm) | O (Max) |
|---------------------|---------|---------|---------|----------|---------|---------|----------|---------|
| CDM-TC 35W/830 G8.5 | 85 | 15 | 51 | 52 | 53 | - | 5 | - |
| CDM-TC 70W/830 G8.5 | 85 | 15 | 51 | 52 | 53 | - | 7 | - |
| CDM-TC 35W/942 G8.5 | 85 | 15 | 51 | 52 | 53 | - | 5 | - |
| CDM-TC 70W/942 G8.5 | 85 | 15 | 51 | 52 | 53 | - | 5 | - |



CDM-TC 20W

| Product | C (Max) | D (Max) | L (Min) | L (Norm) | L (Max) | O (Min) | O (Norm) | O (Max) |
|---------------------|---------|---------|---------|----------|---------|---------|----------|---------|
| CDM-TC 20W/830 G8.5 | 85 | 15 | 51 | - | - | 3.35 | - | - |

Compare table

| Order code | Full product name | Bulb | Bulb Material | Bulb Finish | Cap-Base | Burning Position | Colour Code | Colour Designation | Lamp Wattage | Lamp Wattage EM | Lamp Wattage EL |
|------------|--------------------------------------|------|-----------------|-------------|----------|------------------|-------------|--------------------|--------------|-----------------|-----------------|
| 871586 00 | MASTERColour CDM-TC 20W/830 G8.5 1CT | T14 | UV-Block Quartz | Clear | G8.5 | any | 830 | Warm white | 20 | - | 20 |
| 200006 15 | MASTERColour CDM-TC 35W/830 G8.5 1CT | T14 | UV-Block Quartz | Clear | G8.5 | any | 830 | Warm white | 35 | 38 | 38 |
| 209573 15 | MASTERColour CDM-TC 35W/942 G8.5 1CT | T14 | UV-Block Quartz | Clear | G8.5 | any | 942 | Cool White | 35 | - | 38 |
| 201676 15 | MASTERColour CDM-TC 70W/830 G8.5 1CT | T14 | UV-Block Quartz | Clear | G8.5 | any | 830 | Warm white | 70 | - | 73 |
| 212757 15 | MASTERColour CDM-TC 70W/942 G8.5 1CT | T14 | UV-Block Quartz | Clear | G8.5 | any | 942 | Cool White | 70 | - | 73 |

Compare table

| Order code | Full product name | Lamp Luminous Flux EM | Lamp Luminous Flux EL | Lamp Voltage | Lamp Current EM | Lamp Current EL | Dimmable | Chromaticity Coordinate X | Chromaticity Coordinate Y | Colour Rendering Index | Life to 50% failures EL |
|------------|--------------------------------------|-----------------------|-----------------------|--------------|-----------------|-----------------|----------|---------------------------|---------------------------|------------------------|-------------------------|
| 871586 00 | MASTERColour CDM-TC 20W/830 G8.5 1CT | - | 1800 | 94 | - | 0.215 | no | 0.434 | 0.391 | 82 (min), 85 (nom) | 15000 |
| 200006 15 | MASTERColour CDM-TC 35W/830 G8.5 1CT | 3300 | 3300 | 88 | 0.53 | 0.47 | no | 0.432 | 0.394 | 76 (min), 81 (nom) | 12000 |
| 209573 15 | MASTERColour CDM-TC 35W/942 G8.5 1CT | - | 3300 | 85 | - | 0.46 | no | 0.370 | 0.365 | 90 | 12000 |
| 201676 15 | MASTERColour CDM-TC 70W/830 G8.5 1CT | - | 6500 | 83 | - | 0.87 | no | 0.439 | 0.398 | 80 (min), 83 (nom) | 12000 |
| 212757 15 | MASTERColour CDM-TC 70W/942 G8.5 1CT | - | 5900 | 88 | - | 0.830 | no | 0.364 | 0.360 | 86 (min), 90 (nom) | 12000 |

Compare table

| Order code | Full product name | Life to 50% failures EM | Lumen Maintenance 10000h | Lumen Maintenance 2000h | Lumen Maintenance 5000h | Bulb Temperature | Lamp Luminous Efficacy EM | Lamp Luminous Efficacy EL | Colour Temperature | Lumen Maintenance EL 10000h | Lumen Maintenance EM 10000h |
|------------|--------------------------------------|-------------------------|--------------------------|-------------------------|-------------------------|------------------|---------------------------|---------------------------|--------------------|-----------------------------|-----------------------------|
| 871586 00 | MASTERColour CDM-TC 20W/830 G8.5 1CT | - | - | - | - | 320 | - | 90 | 2980 | 80 | - |
| 200006 15 | MASTERColour CDM-TC 35W/830 G8.5 1CT | 10000 | - | - | - | 500 | 87 | - | 3000 | 50 | 35 |
| 209573 15 | MASTERColour CDM-TC 35W/942 G8.5 1CT | - | - | - | - | 500 | - | 79 | 4200 | 70 | - |
| 201676 15 | MASTERColour CDM-TC 70W/830 G8.5 1CT | - | - | - | - | 550 | - | 89 | 3000 | 65 | - |
| 212757 15 | MASTERColour CDM-TC 70W/942 G8.5 1CT | - | - | - | - | 700 | - | 80 | 4200 | 65 | - |

Compare table

| Order code | Full product name | Lumen Maintenance EL 5000h | Lumen Maintenance EM 5000h | Lumen Maintenance EL 2000h | Lumen Maintenance EM 2000h | Design Mean Lumens | Mercury (Hg) Content | Life to 10% failures EM | Life to 5% failures EL | Life to 5% failures EM | Life to 20% failures EL |
|------------|--------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--------------------|----------------------|-------------------------|------------------------|------------------------|-------------------------|
| 871586 00 | MASTERColour CDM-TC 20W/830 G8.5 1CT | - | - | 94 | - | - | 3.2 | - | 9000 | - | 12000 |
| 200006 15 | MASTERColour CDM-TC 35W/830 G8.5 1CT | 65 | 55 | 80 | 70 | - | 3 | 8000 | 6000 | 6000 | 9000 |
| 209573 15 | MASTERColour CDM-TC 35W/942 G8.5 1CT | 80 | - | 85 | - | - | 2.7 | - | 6000 | - | 9000 |
| 201676 15 | MASTERColour CDM-TC 70W/830 G8.5 1CT | 75 | - | 85 | - | - | 4.5 | - | 6000 | - | 9000 |
| 212757 15 | MASTERColour CDM-TC 70W/942 G8.5 1CT | 75 | - | 80 | - | - | 7 | - | 6000 | - | 9000 |

Compare table

| Order code | Full product name | Life to 20% failures EM | Life to 10% failures EL | Lumen Maintenance 12000h |
|------------|--------------------------------------|-------------------------|-------------------------|--------------------------|
| 871586 00 | MASTERColour CDM-TC 20W/830 G8.5 1CT | - | 10000 | - |
| 200006 15 | MASTERColour CDM-TC 35W/830 G8.5 1CT | 9000 | 8000 | - |
| 209573 15 | MASTERColour CDM-TC 35W/942 G8.5 1CT | - | 8000 | - |
| 201676 15 | MASTERColour CDM-TC 70W/830 G8.5 1CT | - | 8000 | - |
| 212757 15 | MASTERColour CDM-TC 70W/942 G8.5 1CT | - | 8000 | - |



© 2010 Koninklijke Philips Electronics N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com/lighting

2010, November 10
data subject to change