



Product Description

MASTERColour 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
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- UV-Block quartz outer bulb for reduced fading risks
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- Stable color impression over lifetime
- Stable colour impression over lifetime
- High lamp efficacy results in low operating costs and low heat generation (which enhances comfort for shoppers and staff)
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Features

- Crisp white light
- Warm or cool white colour impression with good colour rendering
- Superior color quality
- Allows very small-size luminaire designs that give high beam intensities
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Application

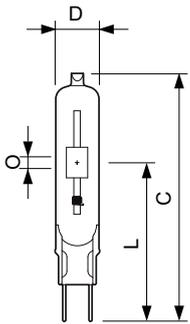
- Accent lighting display lighting with sparkling effect
- Sparkling effect, ideal for accent lighting
- General and decorative lighting
- General and decorative lighting

MASTERCcolour CDM-TC

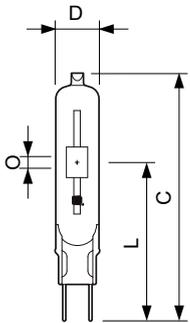
Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- Use only with electronic control gear. 35W/830 lamps may also use electromagnetic gear.
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- 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.
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Dimensional drawing



| Product | D (max) | D | O | L (min) | L (max) | L | C (max) |
|---------------------------------------|---------|----------|------|---------|---------|-------|---------|
| MASTERC CDM-TC 35W/830 G8.5 1CT/12 | 15 mm | 0.5 inch | 5 mm | 51 mm | 53 mm | 52 mm | 85 mm |



| Product | D (max) | D | O | L (min) | L (max) | L | C (max) |
|---------------------------------------|---------|----------|------|---------|---------|-------|---------|
| MASTERC CDM-TC 70W/830 G8.5 1CT/12 | 15 mm | 0.5 inch | 7 mm | 51 mm | 53 mm | 52 mm | 85 mm |

MASTERCcolour CDM-TC

General Information

| | |
|--------------------|-----------|
| Cap-Base | G8.5 |
| Operating Position | UNIVERSAL |

Light Technical

| | |
|------------------------------------|-----------------|
| Chromaticity Coordinate X (Nom) | 0.434 |
| Chromaticity Coordinate Y (Nom) | 0.398 |
| Color Designation | Warm White (WW) |
| Correlated Color Temperature (Nom) | 3000 K |

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|---------------|-----------------|
| Bulb Finish | Clear |
| Bulb Material | UV-Block Quartz |
| Bulb Shape | T14 |

Light Technical

| Order Code | Full Product Name | Color rendering index (CRI) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|--------------|------------------------------------|-----------------------------|---------------------------------|---------------|
| 928085205125 | MASTERC CDM-TC 35W/830 G8.5 1CT/12 | 81 | 79 lm/W | 3,100 lm |
| 928086505131 | MASTERC CDM-TC 70W/830 G8.5 1CT/12 | 83 | 86 lm/W | 6,300 lm |

Operating and Electrical

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|--------------|------------------------------------|---------------|-------------------|
| 928085205125 | MASTERC CDM-TC 35W/830 G8.5 1CT/12 | 88 V | 39.1 W |

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|--------------|------------------------------------|---------------|-------------------|
| 928086505131 | MASTERC CDM-TC 70W/830 G8.5 1CT/12 | 83 V | 73.2 W |

Approval and Application

| Order Code | Full Product Name | Energy | Mercury (Hg) | Mercury (Hg) |
|--------------|------------------------------------|------------------------|---------------|---------------|
| | | Consumption kWh/1000 h | Content (Max) | Content (Nom) |
| 928085205125 | MASTERC CDM-TC 35W/830 G8.5 1CT/12 | 40 kWh | 3.1 mg | 3.1 mg |
| 928086505131 | MASTERC CDM-TC 70W/830 G8.5 1CT/12 | 74 kWh | 4.6 mg | 4.6 mg |

