



Beautiful sparkle, reliable life

MASTERColour CDM-TC

Range of single-ended, very compact, high-efficiency, discharge lamps with a stable color 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 color impression over lifetime
- High lamp efficacy results in low operating costs and low heat generation (which enhances comfort for shoppers and staff)

Features

- Crisp white light
- Superior color quality
- Allows very small-size luminaires designs that give high beam intensities

Application

- Accent lighting display lighting with sparkling effect
- General and decorative lighting

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
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 35W/830 lamps may also use electromagnetic gear.
- 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.

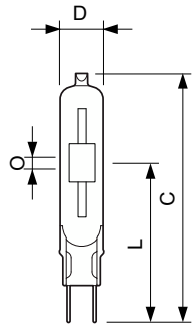
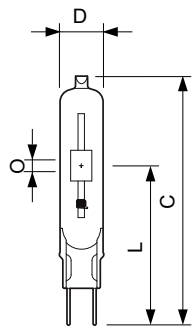
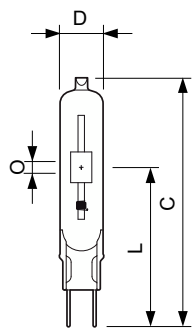
MASTERCoulour CDM-TC

Versions



LPPR CDM-TC 0002

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 |
| MASTERC CDM-TC 35W/830 G8.5 1CT/12 | 15 mm | 0.5 inch | 5 mm | 51 mm | 53 mm | 52 mm | 85 mm |
| MASTERC CDM-TC 35W/842 G8.5 1CT/12 | 15 mm | 0.5 inch | 5 mm | 51 mm | 53 mm | 52 mm | 85 mm |
| MASTERC CDM-TC 35W/842 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 |
| MASTERC CDM-TC 70W/830 G8.5 1CT/12 | 15 mm | 0.5 inch | 7 mm | 51 mm | 53 mm | 52 mm | 85 mm |

| Product | D (max) | O | L (min) | L (max) | L | C (max) |
|------------------------------------|---------|------|---------|---------|-------|---------|
| MASTERC CDM-TC 70W/842 G8.5 1CT/12 | 15 mm | 5 mm | 51 mm | 53 mm | 52 mm | 85 mm |

MASTERCoulour CDM-TC

| General Information | |
|------------------------|-----------------|
| Cap-Base | G8.5 |
| Operating Position | UNIVERSAL |
| 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 | Chromaticity | Chromaticity | Color Designation | Correlated Color Temperature (Nom) | Color | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|--------------|------------------------------------|--------------------|--------------------|-------------------|------------------------------------|-----------------------|---------------------------------|---------------|
| | | Coordinate X (Nom) | Coordinate Y (Nom) | | | rendering index (CRI) | | |
| 928085205125 | MASTERC CDM-TC 35W/830 G8.5 1CT/12 | 0.434 | 0.398 | Warm White (WW) | 3000 K | 81 | 79 lm/W | 3,100 lm |
| 928085205129 | MASTERC CDM-TC 35W/830 G8.5 1CT/12 | 0.432 | 0.394 | Warm White (WW) | 3000 K | 81 | 79 lm/W | - |
| 928086505131 | MASTERC CDM-TC 70W/830 G8.5 1CT/12 | 0.434 | 0.398 | Warm White (WW) | 3000 K | 83 | 86 lm/W | 6,300 lm |
| 928093805125 | MASTERC CDM-TC 35W/842 G8.5 1CT/12 | 0.371 | 0.366 | Cool White (CW) | 4200 K | 85 | 79 lm/W | 3,100 lm |
| 928093805129 | MASTERC CDM-TC 35W/842 G8.5 1CT/12 | 0.374 | 0.369 | Cool White (CW) | 4200 K | 85 | 79 lm/W | - |
| 928094605131 | MASTERC CDM-TC 70W/842 G8.5 1CT/12 | 0.371 | 0.366 | Cool White (CW) | 4200 K | 89 | 79 lm/W | 5,800 lm |
| 928086505129 | MASTERC CDM-TC 70W/830 G8.5 1CT/12 | 0.439 | 0.398 | Warm White (WW) | 3000 K | 83 | 86 lm/W | - |

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 |
| 928085205129 | MASTERC CDM-TC 35W/830 G8.5 1CT/12 | 88 V | 39.1 W |
| 928086505131 | MASTERC CDM-TC 70W/830 G8.5 1CT/12 | 83 V | 73.2 W |
| 928093805125 | MASTERC CDM-TC 35W/842 G8.5 1CT/12 | 85 V | 39.1 W |

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|--------------|------------------------------------|---------------|-------------------|
| 928093805129 | MASTERC CDM-TC 35W/842 G8.5 1CT/12 | 85 V | 39.1 W |
| 928094605131 | MASTERC CDM-TC 70W/842 G8.5 1CT/12 | 88 V | 73.2 W |
| 928086505129 | MASTERC CDM-TC 70W/830 G8.5 1CT/12 | 83 V | 73.2 W |

Approval and Application

MASTERColour CDM-TC

| Order Code | Full Product Name | Energy Consumption kWh/1000 h | Mercury (Hg) Content (Max) | Mercury (Hg) Content (Nom) |
|--------------|---------------------------------------|----------------------------------|-------------------------------|-------------------------------|
| 928085205125 | MASTERC CDM-TC 35W/830 G8.5 1CT/12 | 40 kWh | 3.1 mg | 3.1 mg |
| 928085205129 | MASTERC CDM-TC 35W/830 G8.5 1CT/12 | 43 kWh | - | 3.1 mg |
| 928086505131 | MASTERC CDM-TC 70W/830 G8.5 1CT/12 | 74 kWh | 4.6 mg | 4.6 mg |
| 928093805125 | MASTERC CDM-TC 35W/842 G8.5 1CT/12 | 40 kWh | 2.7 mg | 2.7 mg |
| 928093805129 | MASTERC CDM-TC 35W/842 G8.5 1CT/12 | 43 kWh | - | 2.7 mg |
| 928094605131 | MASTERC CDM-TC 70W/842 G8.5 1CT/12 | 74 kWh | 7 mg | 7 mg |
| 928086505129 | MASTERC CDM-TC 70W/830 G8.5 1CT/12 | 80 kWh | - | 4.6 mg |

