PHILIPS Lighting



MASTERColour CDM-TC

MASTERC CDM-TC 35W/842 G8.5 1CT/12

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

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
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- $\boldsymbol{\cdot}$ The luminaire must be able to contain hot lamp parts if the lamp ruptures
- 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)
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- \cdot 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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Product data

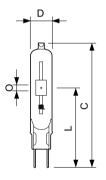
| eneral Information | | Color Designation | Cool White (CW) |
|----------------------------|--|---------------------------------|-----------------|
| ap-Base | G8.5 [G8.5] | Chromaticity Coordinate X (Nom) | 0.374 |
| Operating Position | UNIVERSAL [Any or Universal (U)] | Chromaticity Coordinate Y (Nom) | 0.369 |
| Life to 50% Failures (Nom) | 12,000 hour(s) Correlated Color Temperature (N | | 4200 K |
| | | Luminous Efficacy (rated) (Nom) | 79 lm/W |
| Light Technical | | Color rendering index (CRI) | 85 |
| Color Code | 842 [CCT of 4200K] | | |

MASTERColour CDM-TC

| Arc Length O (Nom) | 5 mm | | | | |
|----------------------------|-----------------|--|--|--|--|
| | | | | | |
| Operating and Electrical | | | | | |
| Power Consumption | 39.1 W | | | | |
| Voltage (Nom) | 85 V | | | | |
| Voltage (Nom) | 85 V | | | | |
| | | | | | |
| Controls and Dimming | | | | | |
| Dimmable | No | | | | |
| | | | | | |
| Mechanical and Housing | | | | | |
| Bulb Finish | Clear | | | | |
| Bulb Material | UV-Block Quartz | | | | |
| Bulb Shape | T14 [T 14 mm] | | | | |
| | | | | | |
| Approval and Application | | | | | |
| Mercury (Hg) Content (Nom) | 2.7 mg | | | | |
| | | | | | |

| Energy Consumption kWh/1000 h | 43 kWh | | | |
|---------------------------------|------------------------------------|--|--|--|
| | | | | |
| Product Data | | | | |
| Order product name | MASTERC CDM-TC 35W/842 G8.5 1CT/12 | | | |
| Full product name | MASTERC CDM-TC 35W/842 G8.5 1CT/12 | | | |
| Full product code | 871869648461600 | | | |
| Order code | 928093805129 | | | |
| Material Nr. (12NC) | 928093805129 | | | |
| Numerator - Quantity Per Pack | 1 | | | |
| EAN/UPC - Product/Case | 8718696484616 | | | |
| Numerator - Packs per outer box | 12 | | | |
| EAN/UPC - Case | 8718696484623 | | | |
| | , | | | |

Dimensional drawing



| Product | D (max) | D | 0 | L (min) | L (max) | L | C (max) |
|---------------------|---------|----------|------|---------|---------|-------|---------|
| MASTERC CDM-TC | 15 mm | 0.5 inch | 5 mm | 51 mm | 53 mm | 52 mm | 85 mm |
| 35W/842 G8.5 1CT/12 | | | | | | | |

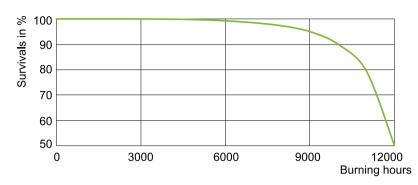
Photometric data



Spectral Power Distribution Colour - MASTERC CDM-TC 35W/842 G8.5 1CT/12

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Lifetime



Life Expectancy Diagram - MASTERC CDM-TC 35W/842 G8.5 1CT/12



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