



MASTERColour CDM-TC Evolution

MC CDM-TC Evolution 20W/930 G8.5

Single-ended, highest-efficiency, longest-life Ceramic Metal Halide discharge lamp producing crisp white sparkling light with high colour rendering

Warnings and Safety

- · Use only in a totally enclosed luminaire, even during testing (IEC61167, IEC62035, IEC60598)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- · Use only with electronic control gear
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- The vast majority of drivers are fully compatible with CDM Evolution lamps. However, best performance is guaranteed with Philips drivers.
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- · Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- · CDM Evolution lamps are designed to comply with IEC standards
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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

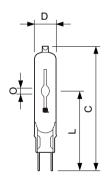
Datasheet, 2023, May 1 data subject to change

MASTERColour CDM-TC Evolution

| General Information | | | | | |
|------------------------------------|----------------------------------|--|--|--|--|
| Cap-Base | G8.5 [G8.5] | | | | |
| Operating Position | UNIVERSAL [Any or Universal (U)] | | | | |
| Life to 50% Failures (Nom) | 25,000 hour(s) | | | | |
| | | | | | |
| Light Technical | | | | | |
| Color Code | 930 [CCT of 3000K] | | | | |
| Color Designation | Warm White (WW) | | | | |
| Chromaticity Coordinate X (Nom) | 0.43 | | | | |
| Chromaticity Coordinate Y (Nom) | 0.393 | | | | |
| Correlated Color Temperature (Nom) | 3000 K | | | | |
| Luminous Efficacy (rated) (Nom) | 102 lm/W | | | | |
| Color rendering index (CRI) | 90 | | | | |
| Arc Length O (Nom) | 3.6 mm | | | | |
| | | | | | |
| Operating and Electrical | | | | | |
| Power Consumption | 20 W | | | | |
| Voltage (Nom) | 105 V | | | | |
| Voltage (Nom) | 105 V | | | | |
| | | | | | |
| Controls and Dimming | | | | | |
| Dimmable | No | | | | |

| Mechanical and Housing | | | | |
|---------------------------------|----------------------------------|--|--|--|
| Bulb Finish | Clear | | | |
| Bulb Shape | T14 [T 14 mm] | | | |
| | | | | |
| Approval and Application | | | | |
| Mercury (Hg) Content (Nom) | 3.0 mg | | | |
| Energy Consumption kWh/1000 h | 22 kWh | | | |
| | | | | |
| Product Data | | | | |
| Order product name | MC CDM-TC Evolution 20W/930 G8.5 | | | |
| Full product name | MC CDM-TC Evolution 20W/930 G8.5 | | | |
| Full product code | 871829165920400 | | | |
| Order code | 928064805131 | | | |
| Material Nr. (12NC) | 928064805131 | | | |
| Numerator - Quantity Per Pack | 1 | | | |
| EAN/UPC - Product/Case | 8718291659204 | | | |
| Numerator - Packs per outer box | 12 | | | |
| EAN/UPC - Case | 8718291659211 | | | |
| | | | | |

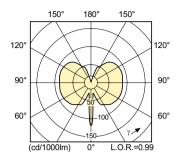
Dimensional drawing

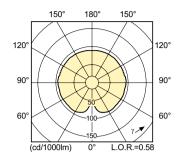


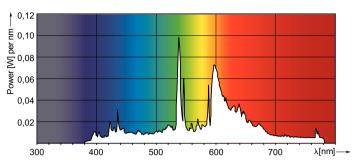
| Product | D (max) | 0 | L (min) | L (max) | L | C (max) |
|-----------------------------|---------|--------|---------|---------|-------|---------|
| MC CDM-TC Evolution 20W/930 | 15 mm | 3.6 mm | 51 mm | 53 mm | 52 mm | 85 mm |
| G8.5 | | | | | | |

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Photometric data



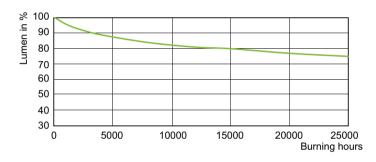


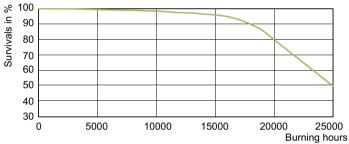


Light Distribution Diagram - MC CDM-TC Evolution 20W/930 G8.5

Spectral Power Distribution Colour - MC CDM-TC Evolution 20W/930 G8.5

Lifetime





Lumen Maintenance Diagram - MC CDM-TC Evolution 20W/930 G8.5

Life Expectancy Diagram - MC CDM-TC Evolution 20W/930 G8.5



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