



MASTERColour CDM-TC Evolution

MC CDM-TC Evolution 70W/930 G8.5

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

Warnings and Safety

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

Product data

General Information	
Cap-Base	G8.5 [G8.5]
Operating Position	VBU/VBD60 [Vertical or Base Up/Base Down +/-60D]
Life to 50% Failures (Nom)	20,000 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)	0.388

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	90
Arc Length O (Nom)	9 mm
Operating and Electrical	
Power Consumption	73.0 W
Voltage (Nom)	97 V
Voltage (Nom)	97 V

MASTERC colour CDM-TC Evolution

Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T14 [T 14 mm]
Approval and Application	
Mercury (Hg) Content (Nom)	6.6 mg
Energy Consumption kWh/1000 h	80 kWh
Product Data	
Order product name	MC CDM-TC Evolution 70W/930 G8.5

Dimensional drawing

Full product name	MC CDM-TC Evolution 70W/930 G8.5
Full product code	871829171372200
Order code	928061605131
Material Nr. (12NC)	928061605131
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291713722
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291713739

Product	D (max)	O	L (min)	L (max)	L	C (max)
MC CDM-TC Evolution 70W/930 G8.5	15 mm	9 mm	51 mm	53 mm	52 mm	85 mm

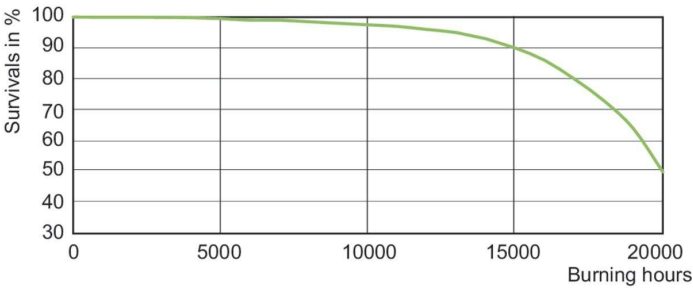
Photometric data

Light Distribution Diagram - MC CDM-TC Evolution 70W/930 G8.5

Spectral Power Distribution Colour - MC CDM-TC Evolution 70W/930 G8.5

MASTERC colour CDM-TC Evolution

Lifetime



Life Expectancy Diagram - MC CDM-TC Evolution 70W/930 G8.5

Lumen Maintenance Diagram - MC CDM-TC Evolution 70W/930 G8.5

