



MASTERColour CDM-TC Evolution

MASTERColour CDM-TC Evolution 50W/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)
- 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	VBV/VBD60 [Vertical or Base Up/Base Down +/-60D]
Life to 50% failures (nom.)	20,000 h

Light Technical	
Colour Code	930 [CCT of 3000K]
Colour designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.430
Chromaticity Coordinate Y (Nom)	0.390

Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	114 lm/W
Colour rendering index (CRI)	90
Arc Length O (Nom)	6.9 mm

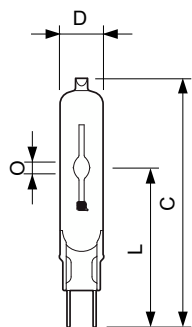
Operating and Electrical	
Power Consumption	50 W
Voltage (nom.)	95 V
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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	T14 [T 14 mm]
Approval and Application	
Mercury (Hg) content (nom.)	4.7 mg
Energy consumption kWh/1,000 hours	55 kWh
Product Data	
Order product name	MC CDM-TC Evolution 50W/930 G8.5

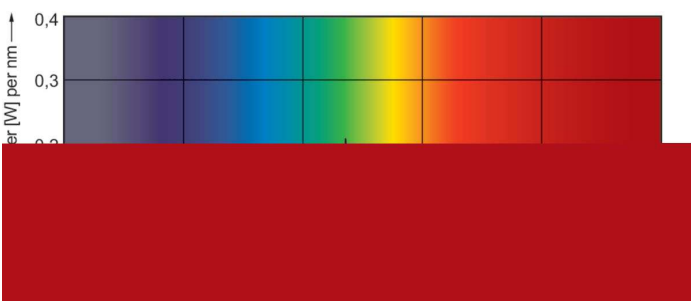
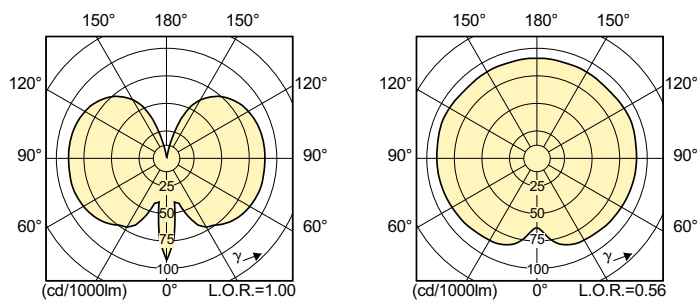
Full product name	MASTERColour CDM-TC Evolution 50W/930 G8.5
Full EOC	871829170126200
Order code	70126200
Material no. (12 NC)	928060905131
Local order code	50CDMTCEVO930
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291701262
Numerator – packs per outer box	12
EAN/UPC – Case	8718291701279

Dimensional drawing



Product	D (max)	O	L (min)	L (max)	L	C (max)
MC CDM-TC Evolution 50W/930 G8.5	15 mm	6.9 mm	51 mm	53 mm	52 mm	85 mm

Photometric data

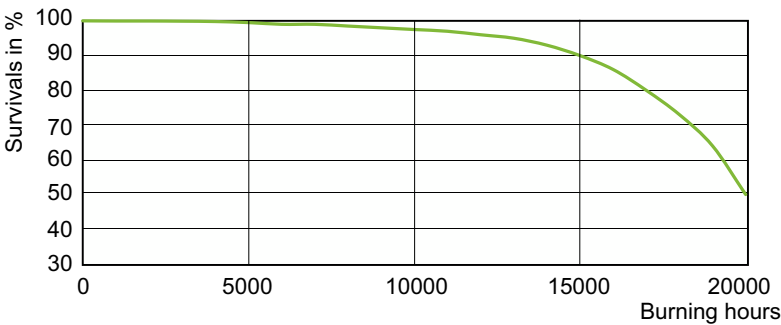


Light Distribution Diagram - MC CDM-TC Evolution 50W/930 G8.5

Spectral Power Distribution Colour - MC CDM-TC Evolution 50W/930 G8.5

MASTERC colour CDM-TC Evolution

Lifetime



Life Expectancy Diagram - MC CDM-TC Evolution 50W/930 G8.5

