



# MASTERColour CDM-TC Evolution

# MC 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 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
- $\cdot$  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)
- $\cdot$  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)	0.430				
Chromaticity Coordinate Y (Nom)	0.390				

Correlated Color Temperature (Nom) 3000 K			
Luminous Efficacy (rated) (Nom)	114 lm/W		
Color rendering index (CRI)	90		
Arc Length O (Nom)	6.9 mm		
Operating and Electrical			
Power Consumption	50 W		
Voltage (Nom)	95 V		
Voltage (Nom)	95 V		

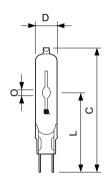
Datasheet, 2023, September 4 data subject to change

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Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Finish	Clear				
Bulb Shape	T14 [T 14 mm]				
Approval and Application					
Mercury (Hg) Content (Nom)	4.7 mg				
Energy Consumption kWh/1000 h	55 kWh				
Product Data					
Order product name	MC CDM-TC Evolution 50W/930 G8.5				

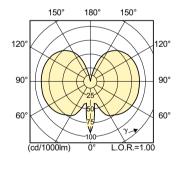
Full product name	MC CDM-TC Evolution 50W/930 G8.5				
Full product code	871829170126200				
Order code	928060905131				
Material Nr. (12NC)	928060905131				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718291701262				
Numerator - Packs per outer box	12				
EAN/UPC - Case	8718291701279				

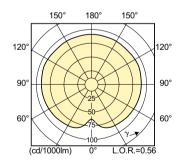
## Dimensional drawing

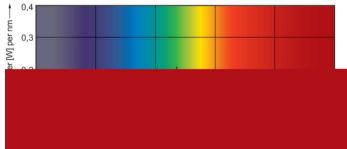


Product	D (max)	0	L (min)	L (max)	L	C (max)
MC CDM-TC Evolution 50W/930	15 mm	6.9 mm	51 mm	53 mm	52 mm	85 mm
G8.5						

## Photometric data





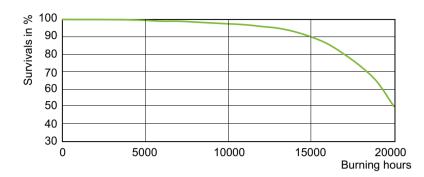


Light Distribution Diagram - MC CDM-TC Evolution 50W/930 G8.5

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

# **MASTERColour CDM-TC Evolution**

## Lifetime



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



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