# **PHILIPS** Lighting



# 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 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		Correlated Color Temperature (No	<b>m)</b> 3000 K
Cap-Base	G8.5 [G8.5]	Luminous Efficacy (rated) (Nom)	114 lm/W
Operating Position	VBU/VBD60 [Vertical or Base Up/Base Down	Color rendering index (CRI)	90
	+/-60D]	Arc Length O (Nom)	6.9 mm
Life to 50% Failures (Nom)	20,000 hour(s)		
		Operating and Electrical	
Light Technical		Power Consumption	50 W
Color Code	930 [CCT of 3000K]	Voltage (Nom)	95 V
Color Designation	Warm White (WW)	Voltage (Nom)	95 V
Chromaticity Coordinate X (Nom)	0.430		
Chromaticity Coordinate Y (Nom)	0.390		

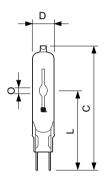
### **MASTERColour CDM-TC Evolution**

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

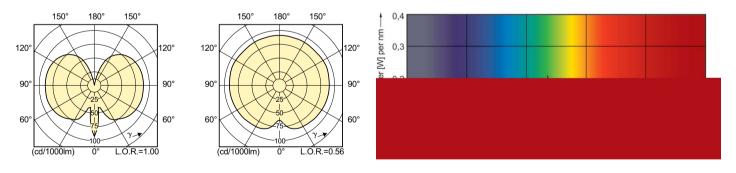
Full product name	MC CDM-TC Evolution 50W/930 G8.5		
Full product code	871829170126200		
Order code	928060905131		
Material Nr. (12NC)	928060905131		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718291701262		
Numerator - Packs per outer box	12		
EAN/UPC - Case	8718291701279		

D (max) O

#### Dimensional drawing



#### Photometric data



Product

G8.5

MC CDM-TC Evolution 50W/930

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

C (max)

L(min) L(max) L

15 mm 6.9 mm 51 mm 53 mm 52 mm 85 mm

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

## **MASTERColour CDM-TC Evolution**

Lifetime Survivals in % Burning hours



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