PHILIPS Lighting



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)
- \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		Correlated Colour Temperature	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	Colour rendering index (CRI)	90
	+/-60D]	Arc Length O (Nom)	6.9 mm
Life to 50% failures (nom.)	20,000 h		
		Operating and Electrical	
Light Technical		Power Consumption	50 W
Colour Code	930 [CCT of 3000K]	Voltage (nom.)	95 V
Colour designation	Warm White (WW)	Voltage (nom.)	95 V
Chromaticity Coordinate X (Nom)	0.430		
Chromaticity Coordinate Y (Nom)	0.390		

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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	

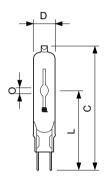
D (max) O

L(min) L(max) L

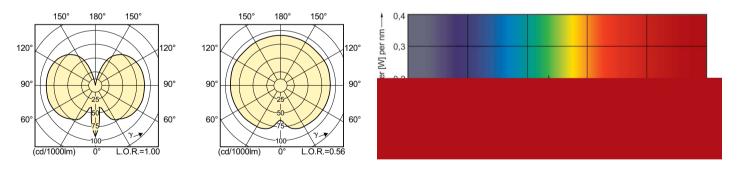
15 mm 6.9 mm 51 mm 53 mm 52 mm 85 mm

C (max)

Dimensional drawing



Photometric data



Product

G8.5

MC CDM-TC Evolution 50W/930

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

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Lifetime Survivals in % Burning hours



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