



MASTERColour CDM-TC Evolution

MC CDM-TC Evolution 20W/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)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- · Use only with electronic control gear
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- The vast majority of drivers are fully compatible with CDM Evolution lamps. However, best performance is guaranteed with Philips drivers.
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- · Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- · CDM Evolution lamps are designed to comply with IEC standards
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- 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.
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Product data

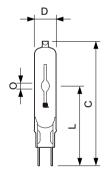
Datasheet, 2023, April 29 data subject to change

MASTERColour CDM-TC Evolution

General Information					
Cap-Base	G8.5 [G8.5]				
Operating Position	UNIVERSAL [Any or Universal (U)]				
Life to 50% Failures (Nom)	25,000 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)	0.393				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	102 lm/W				
Color rendering index (CRI)	90				
Arc Length O (Nom)	3.6 mm				
Operating and Electrical					
Power Consumption	20 W				
Voltage (Nom)	105 V				
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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)	3.0 mg				
Energy Consumption kWh/1000 h	22 kWh				
Product Data					
Order product name	MC CDM-TC Evolution 20W/930 G8.5				
Full product name	MC CDM-TC Evolution 20W/930 G8.5				
Full product code	871829165920400				
Order code	928064805131				
Material Nr. (12NC)	928064805131				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718291659204				
Numerator - Packs per outer box	12				
EAN/UPC - Case	8718291659211				

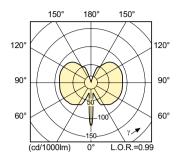
Dimensional drawing

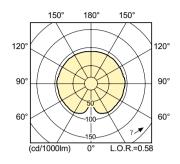


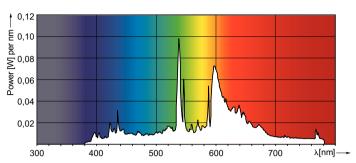
Product	D (max)	0	L (min)	L (max)	L	C (max)
MC CDM-TC Evolution 20W/930	15 mm	3.6 mm	51 mm	53 mm	52 mm	85 mm
G8.5						

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Photometric data



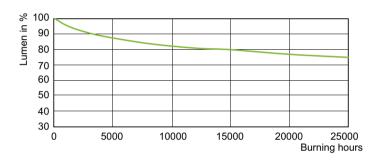


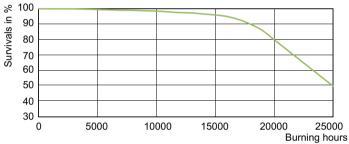


Light Distribution Diagram - MC CDM-TC Evolution 20W/930 G8.5

Spectral Power Distribution Colour - MC CDM-TC Evolution 20W/930 G8.5

Lifetime





Lumen Maintenance Diagram - MC CDM-TC Evolution 20W/930 G8.5

Life Expectancy Diagram - MC CDM-TC Evolution 20W/930 G8.5



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