

MASTERColour CDM-T Evolution

MC CDM-T Evolution 20W/930 G12

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
- 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	G12 [G12]
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	20.0 W
Voltage (Nom)	105 V
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Controls and Dimming	
Dimmable	No

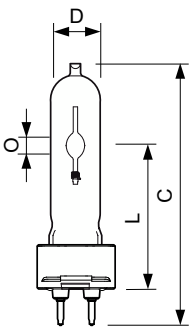
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T19 [T 19mm]

Approval and Application	
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	22 kWh

Product Data	
Order product name	MC CDM-T Evolution 20W/930 G12

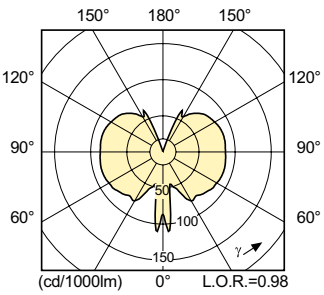
Full product name	MC CDM-T Evolution 20W/930 G12
Full product code	871829165912900
Order code	928064705131
Material Nr. (12NC)	928064705131
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291659129
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291659136

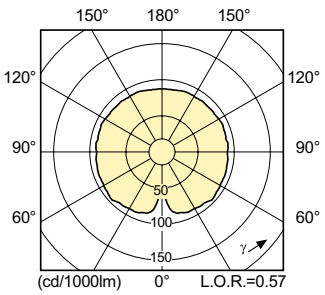
Dimensional drawing



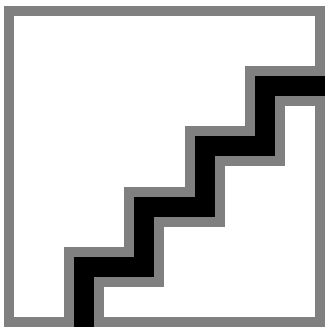
Product	D (max)	O	L (min)	L (max)	L	C (max)
MC CDM-T Evolution 20W/930 G12	20 mm	3.6 mm	55 mm	57 mm	56 mm	103 mm

Photometric data





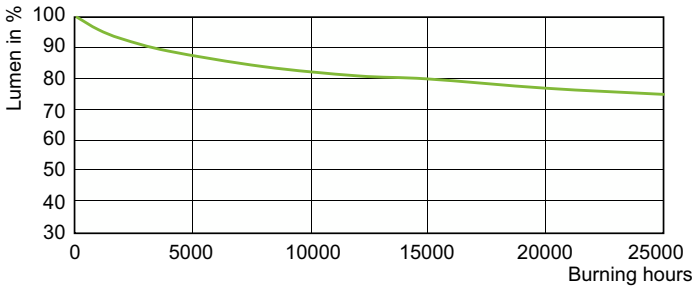
Light Distribution Diagram - MC CDM-T Evolution 20W/930 G12



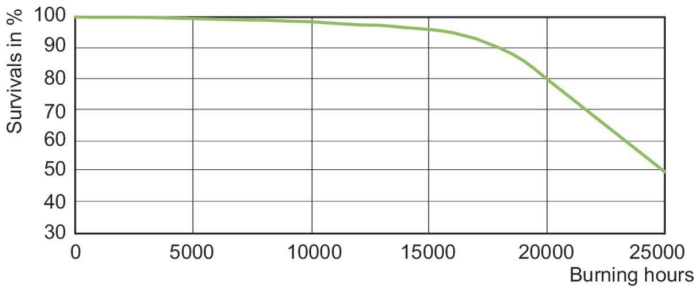
Spectral Power Distribution Colour - MC CDM-T Evolution 20W/930 G12

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Lifetime



Lumen Maintenance Diagram - MC CDM-T Evolution 20W/930 G12



Life Expectancy Diagram - MC CDM-T Evolution 20W/930 G12

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