



MASTERCoulour CDM-TC

MASTERC CDM-TC 70W/830 G8.5 1CT/12

Range of single-ended, very compact, high-efficiency, discharge lamps with a stable colour over lifetime and a crisp, sparkling light

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 35W/830 lamps may also use electromagnetic gear.
- 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

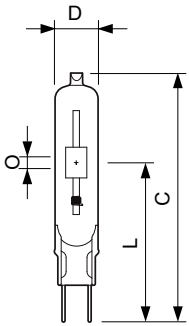
General Information		Arc Length O (Nom)	
Cap-Base	G8.5 [G8.5]	7 mm	
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
Life to 50% Failures (Nom)	12,000 h	Power Consumption	73.2 W
Light Technical		Voltage (Nom)	83 V
Color Code	830 [CCT of 3000K]	Voltage (Nom)	83 V
Color Designation	Warm White (WW)	Controls and Dimming	
Chromaticity Coordinate X (Nom)	0.439	Dimmable	No
Chromaticity Coordinate Y (Nom)	0.398	Mechanical and Housing	
Correlated Color Temperature (Nom)	3000 K	Bulb Finish	Clear
Luminous Efficacy (rated) (Nom)	86 lm/W	Bulb Material	UV-Block Quartz
Color rendering index (CRI)	83		

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Bulb Shape	T14 [T 14 mm]
Approval and Application	
Mercury (Hg) Content (Nom)	4.6 mg
Energy Consumption kWh/1000 h	80 kWh
Product Data	
Order product name	MASTERC CDM-TC 70W/830 G8.5 1CT/12
Full product name	MASTERC CDM-TC 70W/830 G8.5 1CT/12

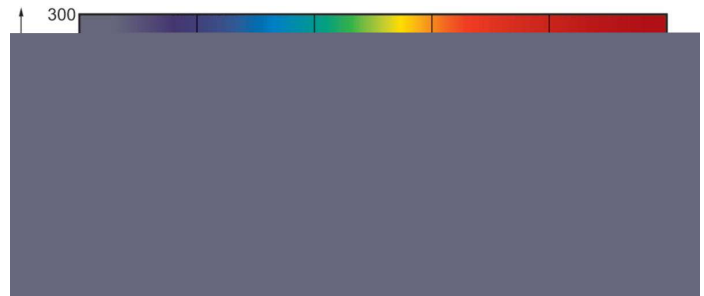
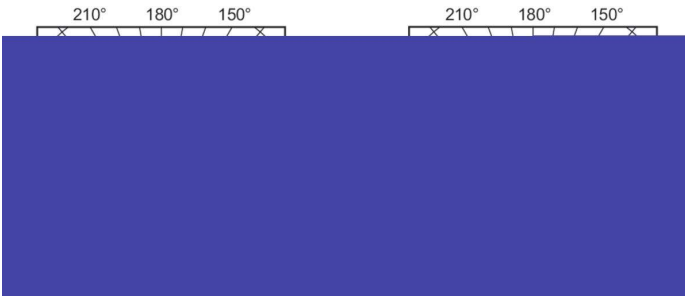
Full product code	871869648463000
Order code	928086505129
Material Nr. (12NC)	928086505129
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696484630
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696484647

Dimensional drawing



Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC 70W/830 G8.5 1CT/12	15 mm	0.5 inch	7 mm	51 mm	53 mm	52 mm	85 mm

Photometric data

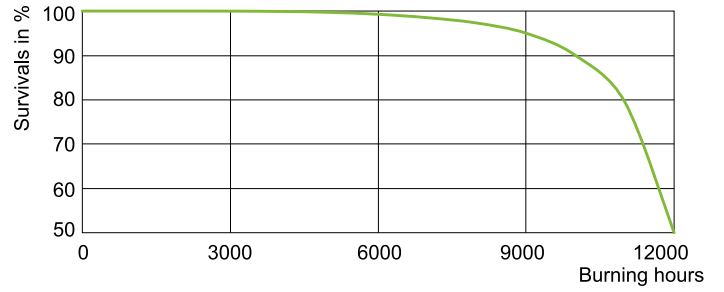
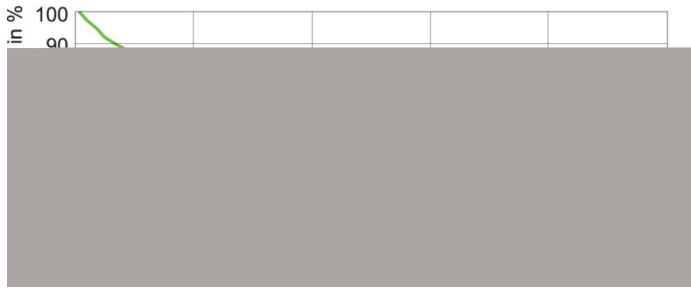


Light Distribution Diagram - MASTERC CDM-TC 70W/830 G8.5 1CT/12

Spectral Power Distribution Colour - MASTERC CDM-TC 70W/830 G8.5 1CT/12

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Lifetime



Lumen Maintenance Diagram - MASTERC CDM-TC 70W/830 G8.5 1CT/12

Life Expectancy Diagram - MASTERC CDM-TC 70W/830 G8.5 1CT/12

