

MASTERColour CDM-TC

MASTERC CDM-TC 70W/842 G8.5 1CT/12

Range of single-ended, very compact, high-efficiency, discharge lamps with a stable color 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	
Cap-Base	G8.5 [G8.5]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 50% Failures (Nom)	12,000 hour(s)

Light Technical	
Color Code	842 [CCT of 4200K]
Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.362
Chromaticity Coordinate Y (Nom)	0.363
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	79 lm/W
Color rendering index (CRI)	89

Arc Length O (Nom)	5 mm

Operating and Electrical	
Power Consumption	73 W
Voltage (Nom)	88 V
Voltage (Nom)	88 V

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	UV-Block Quartz

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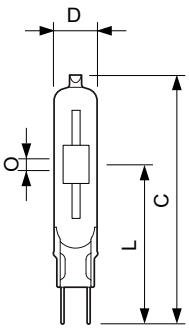
Bulb Shape	T14 [T 14 mm]

Approval and Application	
Mercury (Hg) Content (Nom)	7 mg
Energy Consumption kWh/1000 h	80 kWh

Product Data	
Order product name	MASTERC CDM-TC 70W/842 G8.5 1CT/12
Full product name	MASTERC CDM-TC 70W/842 G8.5 1CT/12

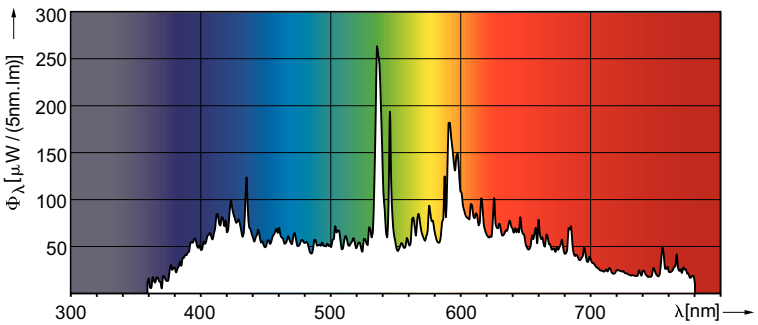
Full product code	871869648698600
Order code	928094605104
Material Nr. (12NC)	928094605104
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696486986
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696486993

Dimensional drawing



Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC 70W/842 G8.5 1CT/12	15 mm	5 mm	51 mm	53 mm	52 mm	85 mm

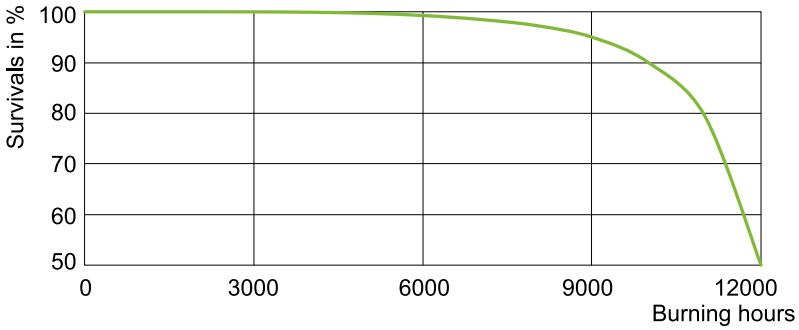
Photometric data



Spectral Power Distribution Colour - MASTERC CDM-TC 70W/842 G8.5 1CT/12

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Lifetime



Life Expectancy Diagram - MASTERC CDM-TC 70W/842 G8.5 1CT/12

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