



MASTERColour 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)
- \cdot 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)
- \cdot 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

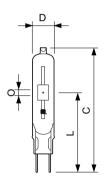
General Information		Color rendering index (CRI)	83
Cap-Base	G8.5 [G8.5]	Arc Length O (Nom)	7 mm
Operating Position	UNIVERSAL [Any or Universal (U)]		
Flux measurement reference	Sphere	Operating and Electrical	
Life to 50% Failures (Nom)	12,000 hour(s)	Power Consumption	73.2 W
		Voltage (Nom)	83 V
Light Technical		Voltage (Nom)	83 V
Color Code	830 [CCT of 3000K]		
Luminous Flux	6,300 lm	Controls and Dimming	
Color Designation	Warm White (WW)	Dimmable	No
Chromaticity Coordinate X (Nom)	0.434		
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

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Bulb Shape	T14 [T 14 mm]			
Approval and Application				
Energy Efficiency Class	G			
Mercury (Hg) Content (Max)	4.6 mg			
Mercury (Hg) Content (Nom)	4.6 mg			
Energy Consumption kWh/1000 h	74 kWh			
EPREL Registration Number	473344			
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	871150020167615	
Order code	928086505131	
Material Nr. (12NC)	928086505131	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8711500201676	
Numerator - Packs per outer box	12	
EAN/UPC - Case	8711500201683	

Dimensional drawing



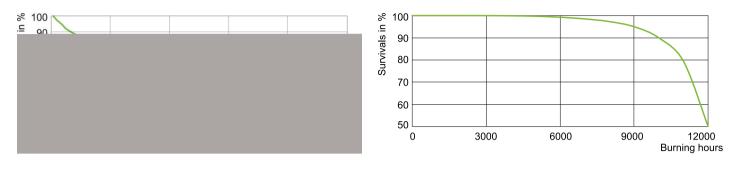
Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC	15 mm	0.5 inch	7 mm	51 mm	53 mm	52 mm	85 mm
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Photometric data

210° 180° 150° 210° 180° 210° 180° 20°	300
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



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