



MASTERColour CDM-TC

MASTERColour 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	73.2 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				

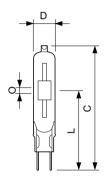
Datasheet, 2023, May 15 data subject to change

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

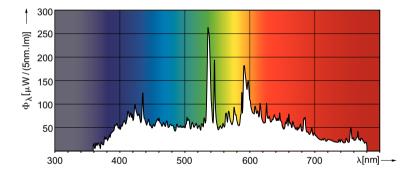
Full product code	871869648465400			
Order code	48465400			
Material Nr. (12NC)	928094605129			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696484654			
Numerator - Packs per outer box	12			
EAN/UPC - Case	8718696484661			

Dimensional drawing



Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC 70W/842 G8.5	15 mm	5 mm	51 mm	53 mm	52 mm	85 mm
1CT/12						

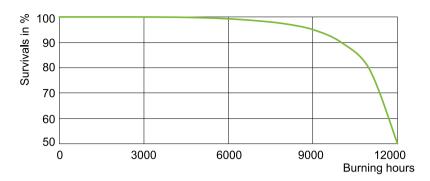
Photometric data



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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