Lighting

PHILIPS



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 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

eneral Information		Colour rendering index (CRI)	89		
ap base	G8.5	Arc Length O (Nom)	5 mm		
Operating position	UNIVERSAL [Any or Universal (U)]				
Flux measurement reference	Sphere	Operating and Electrical			
Life to 50% failures (nom.)	12,000 h	Power Consumption	73.2 W		
		Voltage (nom.)	88 V		
Light Technical		Voltage (nom.)	88 V		
Colour Code	842 [CCT of 4200K]				
Luminous Flux	5,800 lm	Controls and Dimming			
Colour designation	Cool White (CW)	Dimmable	No		
Chromaticity Coordinate X (Nom)	0.371				
Chromaticity Coordinate Y (Nom)	0.366	Mechanical and Housing	Mechanical and Housing		
Correlated Colour Temperature	4200 K	Lamp Finish	Clear		
Luminous efficacy (rated) (nom.)	79 lm/W	Bulb material	UV-Block Quartz		

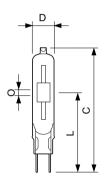
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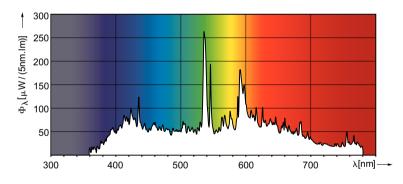
Bulb shape	T14			
Approval and Application				
Energy Efficiency Class	G			
Mercury (Hg) content (max.)	7 mg			
Mercury (Hg) content (nom.)	7 mg			
Energy consumption kWh/1,000 hours	74 kWh			
EPREL registration number	473356			
Product Data				
Order product name	MASTERC CDM-TC 70W/842 G8.5 1CT/12			

Full product name	MASTERColour CDM-TC 70W/842 G8.5 1CT/12			
Full EOC	871150021275715			
Order code	21275715			
Material no. (12 NC)	928094605131			
Local order code	70CDMTC942			
SAP numerator – quantity per pack	1			
EAN/UPC — Product/Case	8711500212757			
Numerator – packs per outer box	12			
EAN/UPC - Case	8711500212764			

Dimensional drawing



Photometric data

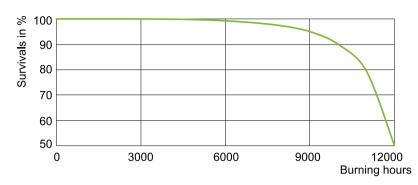


Spectral Power Distribution Colour - MASTERC CDM-TC 70W/842 G8.5 1CT/12

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						

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Lifetime



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



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