



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)
- $\boldsymbol{\cdot}$ 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)
- · 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)]				
Flux measurement reference	Sphere				
Life to 50% Failures (Nom)	12,000 hour(s)				
Light Technical					
Color Code	842 [CCT of 4200K]				
Luminous Flux	5,800 lumen				
Color Designation	Cool White (CW)				
Chromaticity Coordinate X (Nom)	0.371				
Chromaticity Coordinate Y (Nom)	0.366				
Correlated Color Temperature (Nom)	4200 K				
Luminous Efficacy (rated) (Nom)	79 lm/W				
· · · · · · · · · · · · · · · · · · ·					

Color rendering index (CRI)	89			
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			

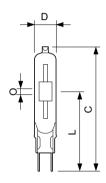
Datasheet, 2023, October 23 data subject to change

MASTERColour CDM-TC

Bulb Shape	T14 [T 14 mm]		
Approval and Application			
Energy Efficiency Class	G		
Mercury (Hg) Content (Max)	7 mg		
Mercury (Hg) Content (Nom)	7 mg		
Energy Consumption kWh/1000 h	74 kWh		
EPREL Registration Number	473356		
Product Data			
Full product code	871150021275715		

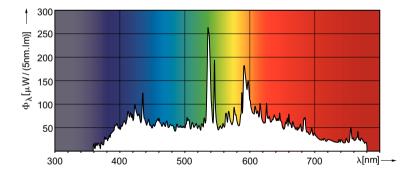
Order product name	MASTERC CDM-TC 70W/842 G8.5 1CT/12 928094605131			
Order code				
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	12			
Material Nr. (12NC)	928094605131			
Full product name	MASTERC CDM-TC 70W/842 G8.5 1CT/12			
EAN/UPC - Case	8711500212764			
EAN/UPC - Product/Case	8711500212757			

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						

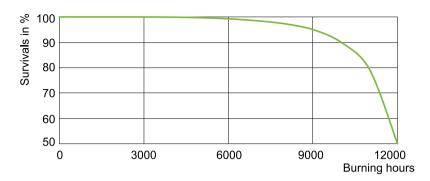
Photometric data



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

MASTERColour CDM-TC

Lifetime



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



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.