PHILIPS Lighting



Beautiful sparkle, reliable life

MASTERColour CDM-TC

Range of single-ended, very compact, high-efficiency, discharge lamps with a stable color over lifetime and a crisp, sparkling light

Benefits

- · Long lamp life compared with incandescent and halogen lamps
- UV-Block quartz outer bulb for reduced fading risks
- Stable color impression over lifetime
- High lamp efficacy results in low operating costs and low heat generation (which enhances comfort for shoppers and staff)

Features

- Crisp white light
- \cdot Superior color quality
- Allows very small-size luminaires designs that give high beam intensities

Application

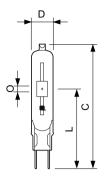
- Accent lighting display lighting with sparkling effect
- General and decorative lighting

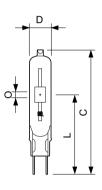
Warnings and Safety

- 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)
- 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.

MASTERColour CDM-TC

Dimensional drawing





General Information	
Cap-Base	G8.5
Operating Position	UNIVERSAL
Light Technical	
Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	UV-Block Quartz
Dulh Chana	
Bulb Shape	T14

Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC	15 mm	0.5 inch	5 mm	51 mm	53 mm	52 mm	85 mm
35W/830 G8.5 1CT/12							

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
70W/830 G8.5 1CT/12							

Light Technical

		Color rendering	Luminous Efficacy	
Order Code	Full Product Name	index (CRI)	(rated) (Nom)	Luminous Flux
928085205125	MASTERC CDM-TC 35W/830 G8.5 1CT/12	81	79 lm/W	3,100 lm
928086505131	MASTERC CDM-TC 70W/830 G8.5 1CT/12	83	86 lm/W	6,300 lm

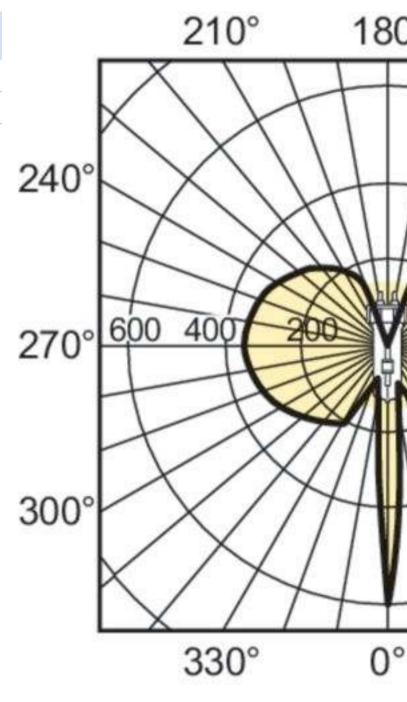
Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption	Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928085205125	MASTERC CDM-TC 35W/830	88 V	39.1 W	928086505131	MASTERC CDM-TC 70W/830	83 V	73.2 W
	G8.5 1CT/12				G8.5 1CT/12		

Approval and Application

MASTERColour CDM-TC

		Energy	Mercury (Hg)	Mercury (Hg)
		Consumption	Content	Content
Order Code	Full Product Name	kWh/1000 h	(Max)	(Nom)
928085205125	MASTERC CDM-TC	40 kWh	3.1 mg	3.1 mg
	35W/830 G8.5 1CT/12			
928086505131	MASTERC CDM-TC	74 kWh	4.6 mg	4.6 mg
	70W/830 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. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2023, August 2 - data subject to change