PHILIPS Lighting



Product Description

MASTERColour CDM-TC

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

Benefits

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

Features

- Warm or cool white colour impression with good colour rendering
- · Allows very small-size luminaire designs that give high beam intensities

Application

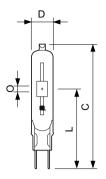
- Sparkling effect, ideal for accent lighting
- General and decorative lighting

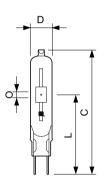
Warnings and Safety

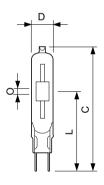
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- \cdot The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 35W/830 lamps 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
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb material	UV-Block Quartz
Bulb shape	T14

Light Technical

Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC 35W/830	15 mm	0.5 in	5 mm	51 mm	53 mm	52 mm	85 mm
G8.5 1CT/12							
MASTERC CDM-TC 35W/842	15 mm	0.5 in	5 mm	51 mm	53 mm	52 mm	85 mm
G8.5 1CT/12							

Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC 70W/830	15 mm	0.5 in	7 mm	51 mm	53 mm	52 mm	85 mm
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						

MASTERColour CDM-TC

		Chromaticity	Chromaticity			Colour		
		Coordinate X	Coordinate Y		Correlated Colour	rendering	Luminous efficacy	
Order Code	Full Product Name	(Nom)	(Nom)	Colour designation	Temperature	index (CRI)	(rated) (nom.)	Luminous Flux
20000615	MASTERColour CDM-TC 35W/830	0.434	0.398	Warm White (WW)	3000 K	81	79 lm/W	3,100 lm
	G8.5 1CT/12							
20167615	MASTERColour CDM-TC 70W/830	0.434	0.398	Warm White (WW)	3000 K	83	86 lm/W	6,300 lm
	G8.5 1CT/12							
20957315	MASTERColour CDM-TC 35W/842	0.371	0.366	Cool White (CW)	4200 K	85	79 lm/W	3,100 lm
	G8.5 1CT/12							
21275715	MASTERColour CDM-TC 70W/842	0.371	0.366	Cool White (CW)	4200 K	89	79 lm/W	5,800 lm
	G8.5 1CT/12							

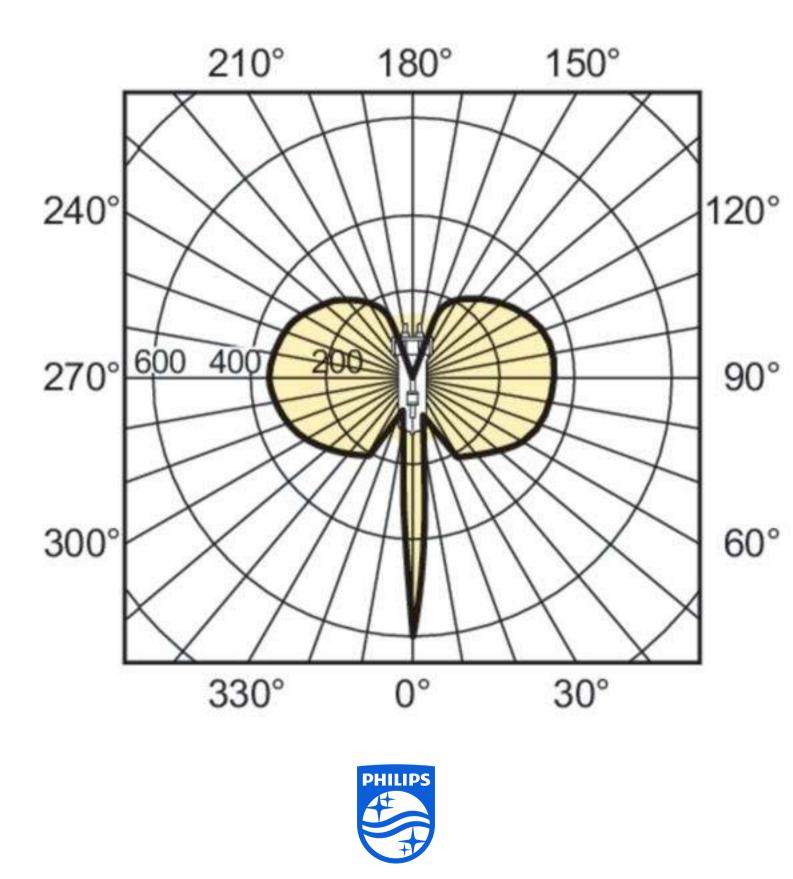
Operating and Electrical

		Voltage	Power
Order Code	e Full Product Name	(nom.)	Consumption
20000615	MASTERColour CDM-TC 35W/830	88 V	39.1 W
	G8.5 1CT/12		
20167615	MASTERColour CDM-TC 70W/830	83 V	73.2 W
	G8.5 1CT/12		

		Voltage	Power
Order Code	Full Product Name	(nom.)	Consumption
20957315	MASTERColour CDM-TC 35W/842 G8.5 1CT/12	85 V	39.1 W
21275715	MASTERColour CDM-TC 70W/842 G8.5 1CT/12	88 V	73.2 W

Approval and Application

			Mercury	Mercury
		Energy	(Hg)	(Hg)
		consumption	content	content
Order Code	Full Product Name	kWh/1,000 hours	(max.)	(nom.)
20000615	MASTERColour CDM-TC	40 kWh	3.1 mg	3.1 mg
	35W/830 G8.5 1CT/12			
20167615	MASTERColour CDM-TC	74 kWh	4.6 mg	4.6 mg
	70W/830 G8.5 1CT/12			
20957315	MASTERColour CDM-TC	40 kWh	2.7 mg	2.7 mg
	35W/842 G8.5 1CT/12			
21275715	MASTERColour CDM-TC	74 kWh	7 mg	7 mg
	70W/842 G8.5 1CT/12			



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