

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
- 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

- Crisp white light
- Superior colour 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)
- 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.

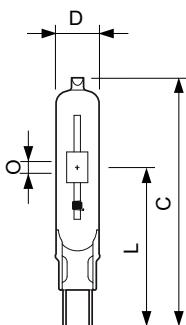
MASTERColour CDM-TC

Versions

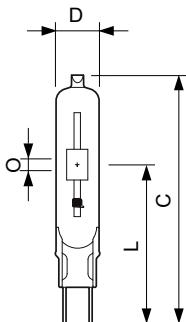


LPPR CDM-TC 0001

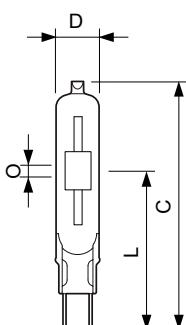
Dimensional drawing



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



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



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

MASTERColour CDM-TC

General Information	
Cap-Base	G8.5
Operating Position	UNIVERSAL
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	UV-Block Quartz
Bulb Shape	T14

Light Technical

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

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)		Power Consumption		Order Code	Full Product Name	Voltage (Nom)		Power Consumption	
		88 V	39.1 W	73.2 W	85 V			39.1 W	39.1 W	73.2 W	73.2 W
20000615	MASTERColour CDM-TC 35W/830 G8.5 1CT/12					20957315	MASTERColour CDM-TC 35W/842 G8.5 1CT/12				
20167615	MASTERColour CDM-TC 70W/830 G8.5 1CT/12					21275715	MASTERColour CDM-TC 70W/842 G8.5 1CT/12				

Approval and Application

Order Code	Full Product Name	Mercury		Mercury	
		Energy Consumption		(Hg) Content	(Hg) Content
		kWh/1000 h	(Max)	(Nom)	
20000615	MASTERColour CDM-TC 35W/830 G8.5 1CT/12	40 kWh	3.1 mg	3.1 mg	
20167615	MASTERColour CDM-TC 70W/830 G8.5 1CT/12	74 kWh	4.6 mg	4.6 mg	
20957315	MASTERColour CDM-TC 35W/842 G8.5 1CT/12	40 kWh	2.7 mg	2.7 mg	
21275715	MASTERColour CDM-TC 70W/842 G8.5 1CT/12	74 kWh	7 mg	7 mg	

