# **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.

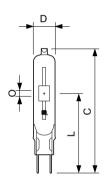
## MASTERColour CDM-TC

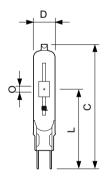
#### Versions

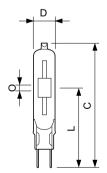


LPPR CDM-TC 0002

#### Dimensional drawing







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							
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35W/830 G8.5 1CT/12							
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35W/842 G8.5 1CT/12							
MASTERC CDM-TC	15 mm	0.5 inch	5 mm	51 mm	53 mm	52 mm	85 mm
35W/842 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							
MASTERC CDM-TC	15 mm	0.5 inch	7 mm	51 mm	53 mm	52 mm	85 mm
70W/830 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						

Product family leaflet, 2023, August 2

### **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

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		Chromaticity	Chromaticity			Color		
		Coordinate X	Coordinate Y		Correlated Color	rendering	Luminous Efficacy	
Order Code	Full Product Name	(Nom)	(Nom)	Color Designation	Temperature (Nom)	index (CRI)	(rated) (Nom)	Luminous Flux
928085205125	MASTERC CDM-TC 35W/830	0.434	0.398	Warm White (WW)	3000 K	81	79 lm/W	3,100 lm
	G8.5 1CT/12							
928085205129	MASTERC CDM-TC 35W/830	0.432	0.394	Warm White (WW)	3000 K	81	79 lm/W	-
	G8.5 1CT/12							
928086505131	MASTERC CDM-TC 70W/830	0.434	0.398	Warm White (WW)	3000 K	83	86 lm/W	6,300 lm
	G8.5 1CT/12							
928093805125	MASTERC CDM-TC 35W/842	0.371	0.366	Cool White (CW)	4200 K	85	79 lm/W	3,100 lm
	G8.5 1CT/12							
928093805129	MASTERC CDM-TC 35W/842	0.374	0.369	Cool White (CW)	4200 K	85	79 lm/W	-
	G8.5 1CT/12							
928094605131	MASTERC CDM-TC 70W/842	0.371	0.366	Cool White (CW)	4200 K	89	79 lm/W	5,800 lm
	G8.5 1CT/12							
928086505129	MASTERC CDM-TC 70W/830	0.439	0.398	Warm White (WW)	3000 K	83	86 lm/W	-
	G8.5 1CT/12							

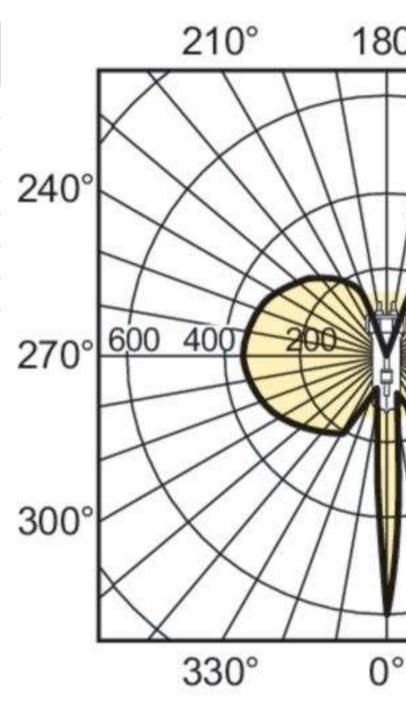
#### **Operating and Electrical**

		Voltage	Power				Voltage
Order Code	Full Product Name	(Nom)	Consumption	Order Code		Full Product Name	Full Product Name (Nom)
928085205125	MASTERC CDM-TC 35W/830	88 V	39.1 W	928093805129		MASTERC CDM-TC 35W/842 G8.5	MASTERC CDM-TC 35W/842 G8.5 85 V
	G8.5 1CT/12					1CT/12	1CT/12
28085205129	MASTERC CDM-TC 35W/830	88 V	39.1 W	928094605131		MASTERC CDM-TC 70W/842 G8.5	MASTERC CDM-TC 70W/842 G8.5 88 V
	G8.5 1CT/12					1CT/12	1CT/12
28086505131	MASTERC CDM-TC 70W/830	83 V	73.2 W	928086505129		MASTERC CDM-TC 70W/830	MASTERC CDM-TC 70W/830 83 V
	G8.5 1CT/12				(	G8.5 1CT/12	G8.5 1CT/12
928093805125	MASTERC CDM-TC 35W/842 G8.5	85 V	39.1 W				
	1CT/12						

#### Approval and Application

#### **MASTERColour CDM-TC**

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928085205125	MASTERC CDM-TC 35W/830 G8.5 1CT/12	40 kWh	3.1 mg	3.1 mg
928085205129	MASTERC CDM-TC 35W/830 G8.5 1CT/12	43 kWh	-	3.1 mg
928086505131	MASTERC CDM-TC 70W/830 G8.5 1CT/12	74 kWh	4.6 mg	4.6 mg
928093805125	MASTERC CDM-TC 35W/842 G8.5 1CT/12	40 kWh	2.7 mg	2.7 mg
928093805129	MASTERC CDM-TC 35W/842 G8.5 1CT/12	43 kWh	-	2.7 mg
928094605131	MASTERC CDM-TC 70W/842 G8.5 1CT/12	74 kWh	7 mg	7 mg
928086505129	MASTERC CDM-TC 70W/830 G8.5 1CT/12	80 kWh	-	4.6 mg





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