PHILIPS

MASTERColour CDM-TC

DCDMTC



Beautiful sparkle, reliable life

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)

Applications

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

Features

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

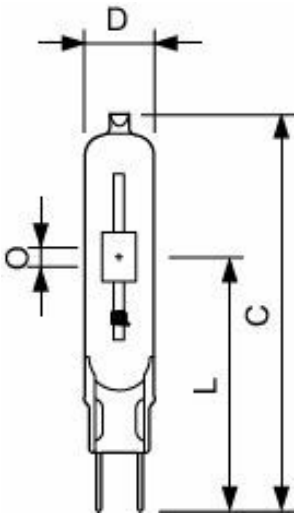
- Use only with electronic control gear. 35W/830 lamps may also use electromagnetic gear.
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Versions

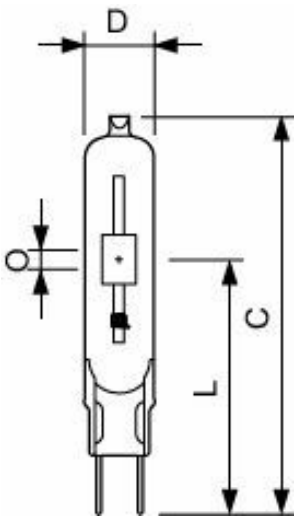


LPPR CDM-TC 0001

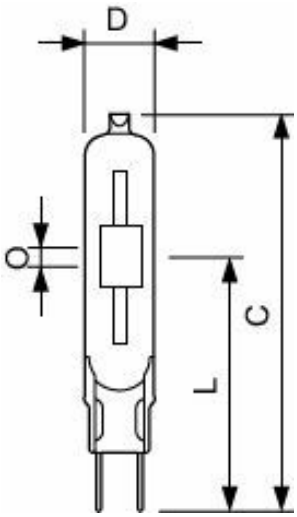
Dimensional drawing



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/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 70W/830 G8.5 1CT/12	15 mm	0.5 inch	7 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

General Information

Cap-Base	G8.5
Operating Position	UNIVERSAL [Any or Universal (U)]

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

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Voltage (Nom)
928085205125	MASTERC CDM-TC 35W/830 G8.5 1CT/12	39.1 W	88 V
928085205129	MASTERC CDM-TC 35W/830 G8.5 1CT/12	39.1 W	88 V
928086505131	MASTERC CDM-TC 70W/830 G8.5 1CT/12	73.2 W	83 V
928093805125	MASTERC CDM-TC 35W/842 G8.5 1CT/12	39.1 W	85 V
928094605131	MASTERC CDM-TC 70W/842 G8.5 1CT/12	73.2 W	88 V

Approval and Application

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

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