



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
- Superior color quality
- Allows very small-size luminaires designs that give high beam intensities

Application

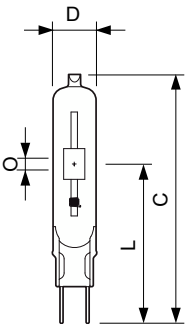
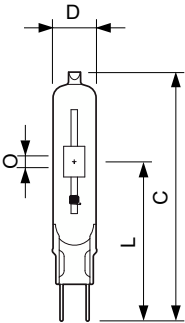
- Accent lighting display lighting with sparkling effect
- General and decorative lighting

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- 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.

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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

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

General Information	
Cap-Base	G8.5
Operating Position	UNIVERSAL
Light Technical	
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
Bulb Shape	T14

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity	Chromaticity	Color	Luminous
		Coordinate X (Nom)	Coordinate Y (Nom)	rendering index (CRI)	Efficacy (rated) (Nom)
48459300	MASTERColour CDM-TC 35W/830 G8.5 1CT/12	0.432	0.394	81	79 lm/W
20167615	MASTERColour CDM-TC 70W/830 G8.5 1CT/12	0.434	0.398	83	86 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux
48459300	MASTERColour CDM-TC 35W/830 G8.5 1CT/12	-

Order Code	Full Product Name	Luminous Flux
20167615	MASTERColour CDM-TC 70W/830 G8.5 1CT/12	6,300 lm

Operating and Electrical

Order Code	Full Product Name	Power	
		Voltage (Nom)	Consumption
48459300	MASTERColour CDM-TC 35W/830 G8.5 1CT/12	88 V	39.1 W

MASTERColour CDM-TC

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

Approval and Application

Order Code	Full Product Name	Energy	Mercury	Mercury
		Consumption	(Hg)	Mercury
		kWh/1000 h	Content	(Hg) Content
			(Max)	(Nom)
48459300	MASTERColour CDM-TC 35W/830 G8.5 1CT/12	43 kWh	-	3.1 mg
20167615	MASTERColour CDM-TC 70W/830 G8.5 1CT/12	74 kWh	4.6 mg	4.6 mg



