



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.

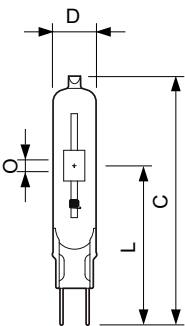
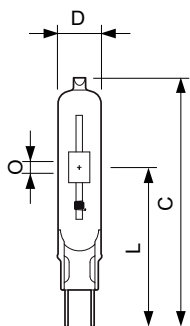
MASTERCoulour CDM-TC

Versions



LPPR CDM-TC 0002

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 70W/830 G8.5 1CT/12	15 mm	0.5 inch	7 mm	51 mm	53 mm	52 mm	85 mm
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
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	UV-Block Quartz
Bulb Shape	T14

MASTERColour CDM-TC

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)			rendering index (CRI)		
48459300	MASTERColour CDM-TC 35W/830 G8.5 1CT/12	0.432	0.394	Warm White (WW)	3000 K	81	79 lm/W	-
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
48461600	MASTERColour CDM-TC 35W/842 G8.5 1CT/12	0.374	0.369	Cool White (CW)	4200 K	85	79 lm/W	-
48463000	MASTERColour CDM-TC 70W/830 G8.5 1CT/12	0.439	0.398	Warm White (WW)	3000 K	83	86 lm/W	-

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption	Order Code	Full Product Name	Voltage (Nom)	Power Consumption
48459300	MASTERColour CDM-TC 35W/830 G8.5 1CT/12	88 V	39.1 W	48461600	MASTERColour CDM-TC 35W/842 G8.5 1CT/12	85 V	39.1 W
20167615	MASTERColour CDM-TC 70W/830 G8.5 1CT/12	83 V	73.2 W	48463000	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 kWh/1000 h	(Hg) Content (Max)	(Hg) Content (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
48461600	MASTERColour CDM-TC 35W/842 G8.5 1CT/12	43 kWh	-	2.7 mg
48463000	MASTERColour CDM-TC 70W/830 G8.5 1CT/12	80 kWh	-	4.6 mg

