



Product Description

MASTERColour CDM-TC Elite

Single-ended, compact size, high-efficiency Ceramic Metal Halide discharge lamp

Benefits

- Outstanding rendering of displayed merchandise due to high colour rendering (Ra 90) in combination with high lumen output; best offer in the market for 'enhancing merchandize'
- Excellent colour quality remains stable over lifetime
- Light output over lifetime maintains display brightness
- High efficacy and long lifetime for lowest operating costs and low heat generation
- Relatively low heat generation enhances comfort for shoppers and staff
- UV Block for reduced fading risk of merchandise
- Allows design of very compact luminaires with high beam intensities

Features

- Crisp white light
- Excellent colour rendering (Ra 90)
- Reliable lifetime performance
- Stable colour performance during lifetime
- Increased light output compared with regular MASTERColour lamps
- Improved maintenance compared with regular MASTERColour lamps
- Burning position for
 - CDM Elite-TC 35W: vertical +/- 60 degrees
 - CDM Elite-TC 70W: universal

Application

- Accent and display lighting with a sparkling effect, excellent solution for Retail
- General and decorative lighting

MASTERC colour CDM-TC Elite

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
- Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- 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_CDMTC-E_0001-Product photo

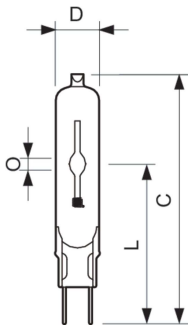


LPPR_CDMTC-E_0002-Product photo



LPPR_CDMTC-E_0003

Dimensional drawing



Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12	15 mm	4.8 mm	51 mm	53 mm	52 mm	85 mm
MASTERC CDM-TC Elite 35W/942 G8.5 1CT	15 mm	5.2 mm	51 mm	53 mm	52 mm	85 mm
MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12	15 mm	6 mm	51 mm	53 mm	52 mm	85 mm
MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	15 mm	7.15 mm	51 mm	53 mm	52 mm	85 mm
MASTERC CDM-TC Elite 70W/942 G8.5 1CT	15 mm	7.75 mm	51 mm	53 mm	52 mm	85 mm

General Information

Cap base	G8.5
Operating position	UNIVERSAL

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Clear
Bulb shape	T14

Light Technical

MASTERC colour CDM-TC Elite

Order Code	Full Product Name	Chromaticity	Chromaticity	Colour designation	Correlated Colour Temperature (Nom)	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)					
928189105131	MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12	0.434	0.398	Warm White (WW)	3000 K	90	102 lm/W	4,000 lm
928193805131	MASTERC CDM-TC Elite 35W/942 G8.5 1CT	0.371	0.366	Cool White (CW)	4200 K	90	97 lm/W	3,800 lm
928189505131	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	0.434	0.398	Warm White (WW)	3000 K	90	107 lm/W	7,800 lm
928193905131	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	0.371	0.366	Cool White (CW)	4200 K	92	102 lm/W	7,450 lm
928191805131	MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12	0.434	0.398	Warm White (WW)	3000 K	91	108 lm/W	5,400 lm

Operating and Electrical

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
928189105131	MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12	85 V	39.1 W
928193805131	MASTERC CDM-TC Elite 35W/942 G8.5 1CT	91 V	39.1 W
928189505131	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	85 V	73.2 W

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
928193905131	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	88 V	73.2 W
928191805131	MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12	90 V	50.2 W

Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (max.)	Mercury (Hg) content (nom.)
928189105131	MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12	40 kWh	4.7 mg	4.7 mg
928193805131	MASTERC CDM-TC Elite 35W/942 G8.5 1CT	40 kWh	4.9 mg	4.9 mg
928189505131	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	74 kWh	6.6 mg	6.6 mg
928193905131	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	74 kWh	6.6 mg	6.6 mg
928191805131	MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12	51 kWh	6.6 mg	6.6 mg

