



Product Description

MASTERColour CDM-TC Elite

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

Benefits

- High-intensity beam of crisp white sparkling light makes merchandise look irresistible
- 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'
- Stable color and lumen output over life keeps your store attractive season after season
- Excellent colour quality remains stable over lifetime
- Lowest Total Cost of Ownership as a result of high efficacy (same light, less energy or same energy, more light) and long life
- 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 sparkling light
- Crisp white light
- Excellent color rendering, with extra red
- Excellent colour rendering (Ra 90)
- High efficacy with unparalleled lumen maintenance
- Reliable lifetime performance
- Stable color performance over lifetime
- Stable colour performance during lifetime
- UV-blocking glass
- 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 in retail
- Accent and display lighting with a sparkling effect, excellent solution for Retail
- General and decorative indoor lighting
- General and decorative lighting
- Outdoor area lighting

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- Use only with electronic control gear
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- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- 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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Versions

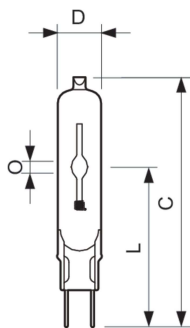


LPPR_CDMTC-E_0001-Product photo



LPPR_CDMTC-E_0002-Product photo

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 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
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T14

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color rendering	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)			index (CRI)		
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
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

Operating and Electrical

MASTERColour CDM-TC Elite

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

Order Code	Full Product Name	Voltage (Nom)	Power
			Consumption
928193905131	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	88 V	73.2 W

Approval and Application

Order Code	Full Product Name	Energy	Mercury	Mercury
		Consumption	(Hg) Content	(Hg) Content
		kWh/1000 h	(Max)	(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
928193905131	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	74 kWh	6.6 mg	6.6 mg

