



# 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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# MASTERCoulour CDM-TC Elite

## Versions



LPPR CDM-TC 0001

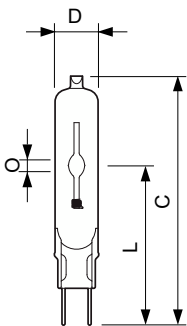
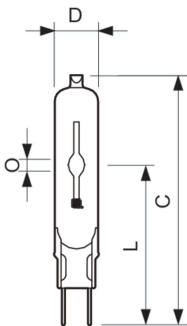


LPPR\_CDMTC-E\_0001-Product photo



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 70W/942 G8.5 1CT	15 mm	7.75 mm	51 mm	53 mm	52 mm	85 mm

Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12	15 mm	0.55 inch	4 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

# MASTERColour CDM-TC Elite

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)		
928183405125	MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12	0.434	0.398	Warm White (WW)	3000 K	85	87 lm/W	1,750 lm
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
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

Order Code	Full Product Name	Voltage (Nom)	Power Consumption	Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928183405125	MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12	95 V	20.1 W	928193905131	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	88 V	73.2 W
928189105131	MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12	85 V	39.1 W				

## Mechanical and Housing

Order Code	Full Product Name	Bulb Material	Order Code	Full Product Name	Bulb Material
928183405125	MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12	UV-Block Quartz	928193905131	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	-
928189105131	MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12	-			

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928183405125	MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12	21 kWh	3.5 mg	3.5 mg
928189105131	MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12	40 kWh	4.7 mg	4.7 mg
928193905131	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	74 kWh	6.6 mg	6.6 mg

