PHILIPS

MASTERColour CDM-TC Elite

DCDMETC



Perfect sparkle, unrivalled efficiency

Compact, single-ended, very high-efficiency, long-life ceramic metal-halide discharge lamp producing crisp white sparkling light with high color rendering

Benefits

- High-intensity beam of crisp white sparkling light makes merchandise look irresistible
- Stable color and lumen output over life keeps your store attractive season after season
- Lowest Total Cost of Ownership as a result of high efficacy (same light, less energy or same energy, more light) and long life

Applications

- Accent and display lighting in retail
- General and decorative indoor lighting
- Outdoor area lighting

Features

- Crisp white sparkling light
- Excellent color rendering, with extra red
- High efficacy with unparalleled lumen maintenance
- Stable color performance over lifetime
- UV-blocking glass

- 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 CDM-TC 0001



LPPR_CDMTC-E_0001-Product photo

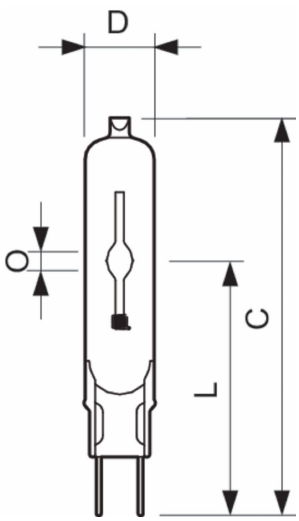


LPPR_CDMTC-E_0002-Product photo

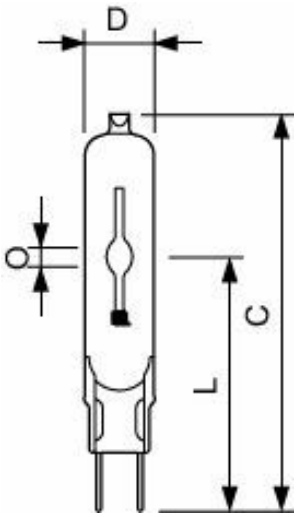


LPPR CDMTC-E 0003

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/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 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 50W/942 G8.5 1CT	15 mm	7.1 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/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
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 [Any or Universal (U)]

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	UV-Block Quartz
Bulb Shape	T14

Light Technical

Order Code	Full Product Name	Luminous Flux	Color Designation	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
928183405125	MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12	1,750 lm	Warm White (WW)	0.434	0.398	3000 K	87 lm/W	85
928189105129	MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12	-	Warm White (WW)	0.435	0.396	3000 K	102 lm/W	90
928189105131	MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12	4,000 lm	Warm White (WW)	0.434	0.398	3000 K	102 lm/W	90
928193805129	MASTERC CDM-TC Elite 35W/942 G8.5 1CT	-	Cool White (CW)	0.371	0.366	4200 K	97 lm/W	90
928193805131	MASTERC CDM-TC Elite 35W/942 G8.5 1CT	3,800 lm	Cool White (CW)	0.371	0.366	4200 K	97 lm/W	90
928189505129	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	-	Warm White (WW)	0.435	0.396	3000 K	107 lm/W	90
928189505131	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	7,800 lm	Warm White (WW)	0.434	0.398	3000 K	107 lm/W	90

Order Code	Full Product Name	Luminous Flux	Color Designation	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
928193905129	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	-	Cool White (CW)	0.365	0.363	4200 K	102 lm/W	92
928193905131	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	7,450 lm	Cool White (CW)	0.371	0.366	4200 K	102 lm/W	92
928080115131	MASTERC CDM-TC Elite 50W/942 G8.5 1CT	5,050 lm	Cool White (CW)	0.371	0.366	4200 K	101 lm/W	90
928191805131	MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12	5,400 lm	Warm White (WW)	0.434	0.398	3000 K	108 lm/W	91

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Voltage (Nom)
928183405125	MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12	20.1 W	95 V
928189105129	MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12	39.1 W	85 V
928189105131	MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12	39.1 W	85 V
928193805129	MASTERC CDM-TC Elite 35W/942 G8.5 1CT	39.1 W	91 V
928193805131	MASTERC CDM-TC Elite 35W/942 G8.5 1CT	39.1 W	91 V
928189505129	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	73.2 W	85 V
928189505131	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	73.2 W	85 V
928193905129	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	73.2 W	88 V
928193905131	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	73.2 W	88 V
928080115131	MASTERC CDM-TC Elite 50W/942 G8.5 1CT	50.2 W	93 V
928191805131	MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12	50.2 W	90 V

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)	Energy Consumption kWh/ 1000 h
928183405125	MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12	3.5 mg	3.5 mg	21 kWh
928189105129	MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12	-	4.7 mg	43 kWh
928189105131	MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12	4.7 mg	4.7 mg	40 kWh
928193805129	MASTERC CDM-TC Elite 35W/942 G8.5 1CT	-	4.9 mg	43 kWh
928193805131	MASTERC CDM-TC Elite 35W/942 G8.5 1CT	4.9 mg	4.9 mg	40 kWh
928189505129	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	-	6.6 mg	80 kWh
928189505131	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	6.6 mg	6.6 mg	74 kWh
928193905129	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	-	6.6 mg	80 kWh
928193905131	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	6.6 mg	6.6 mg	74 kWh
928080115131	MASTERC CDM-TC Elite 50W/942 G8.5 1CT	5.7 mg	5.7 mg	51 kWh
928191805131	MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12	6.6 mg	6.6 mg	51 kWh

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