Product Description

MASTERColour CDM-T Elite

Single-ended, 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, which 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

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-T 35W: vertical +/- 60 degrees
- CDM Elite-T 70W: universal

Application
- Accent and display lighting with a sparkling effect, excellent solution for Retail
- Decorative outdoor floodlighting

MASTERColour CDM-T 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. 35W & 70W lamps may also use electromagnetic 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-T-E_150W_930-Product photo
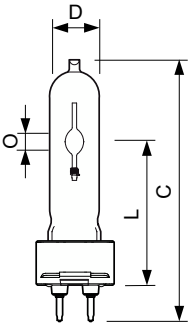
LPPR CDM-T 0005

LPPR_CDM-T-E_0004-Product photo

LPPR_CDM-T-E_0005-Product photo

LPPR_CDM-T-E_0006-Product photo

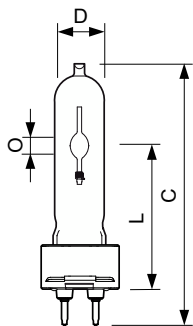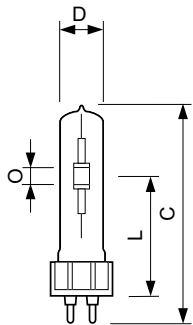## Dimensional drawing

Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 20W/830 G12 1CT/12	20 mm		4 mm	55 mm	57 mm	56 mm	103 mm

MASTERColour CDM-T Elite

Dimensional drawing

Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 150W/930 G12 1CT/12	20 mm	9 mm	55 mm	57 mm	56 mm	110 mm

Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 35W/930 G12 1CT/12	20 mm	4.8 mm	55 mm	57 mm	56 mm	103 mm
MASTERC CDM-T Elite 50W/930 G12 1CT/12	20 mm	6 mm	55 mm	57 mm	56 mm	103 mm
MASTERC CDM-T Elite 70W/930 G12 1CT/12	20 mm	7.15 mm	55 mm	57 mm	56 mm	103 mm

General Information

Cap-Base	G12

Light Technical

Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T19

General Information

Order Code	Full Product Name	Operating Position
928094705125	MASTERC CDM-T Elite 150W/930 G12 1CT/12	P10
928183305125	MASTERC CDM-T Elite 20W/830 G12 1CT/12	UNIVERSAL
928185205129	MASTERC CDM-T Elite 35W/930 G12 1CT/12	UNIVERSAL

Order Code	Full Product Name	Operating Position
928185305129	MASTERC CDM-T Elite 70W/930 G12 1CT/12	UNIVERSAL
928191705131	MASTERC CDM-T Elite 50W/930 G12 1CT/12	UNIVERSAL

Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
928094705125	MASTERC CDM-T Elite 150W/930 G12 1CT/12	0.434	0.398	92	98 lm/W	14,600 lm

MASTERColour CDM-T Elite

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
928183305125	MASTERC CDM-T Elite 20W/830 G12 1CT/12	0.434	0.398	84	90 lm/W	1,800 lm
928185205129	MASTERC CDM-T Elite 35W/930 G12 1CT/12	0.435	0.395	90	98 lm/W	–
928185305129	MASTERC CDM-T Elite 70W/930 G12 1CT/12	0.435	0.396	90	103 lm/W	–
928191705131	MASTERC CDM-T Elite 50W/930 G12 1CT/12	0.434	0.398	90	108 lm/W	5,450 lm

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928094705125	MASTERC CDM-T Elite 150W/930 G12 1CT/12	92 V	150.1 W
928183305125	MASTERC CDM-T Elite 20W/830 G12 1CT/12	95 V	20.1 W
928185205129	MASTERC CDM-T Elite 35W/930 G12 1CT/12	85 V	39.1 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928185305129	MASTERC CDM-T Elite 70W/930 G12 1CT/12	85 V	73.2 W
928191705131	MASTERC CDM-T Elite 50W/930 G12 1CT/12	90 V	50.2 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928094705125	MASTERC CDM-T Elite 150W/930 G12 1CT/12	151 kWh	9.5 mg	9.5 mg
928183305125	MASTERC CDM-T Elite 20W/830 G12 1CT/12	21 kWh	3.5 mg	3.5 mg
928185205129	MASTERC CDM-T Elite 35W/930 G12 1CT/12	43 kWh	–	4.7 mg
928185305129	MASTERC CDM-T Elite 70W/930 G12 1CT/12	80 kWh	–	6.6 mg
928191705131	MASTERC CDM-T Elite 50W/930 G12 1CT/12	51 kWh	6.6 mg	6.6 mg

MASTERColour CDM-T Elite

www.lighting.philips.com