



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

MASTERCcolour CDM-T Elite

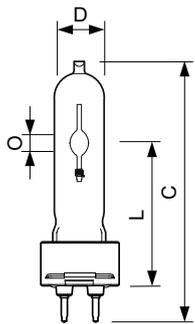
Warnings and Safety

- 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



Dimensional drawing



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 35W/942 G12 1CT	20 mm	5.2 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
MASTERC CDM-T Elite 70W/942 G12 1CT	20 mm	7.75 mm	55 mm	57 mm	56 mm	103 mm

General Information

Cap-Base	G12
Operating Position	UNIVERSAL

Light Technical

Color rendering index (CRI)	90
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T19

Light Technical

MASTERCcolour CDM-T Elite

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color	Luminous Efficacy	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)		Temperature (Nom)	(rated) (Nom)	
928185205131	MASTERC CDM-T Elite 35W/930 G12 1CT/12	0.434	0.398	Warm White (WW)	3000 K	98 lm/W	4,050 lm
928193605129	MASTERC CDM-T Elite 35W/942 G12 1CT	0.366	0.364	Cool White (CW)	4200 K	98 lm/W	-
928185305129	MASTERC CDM-T Elite 70W/930 G12 1CT/12	0.435	0.396	Warm White (WW)	3000 K	103 lm/W	-
928193705129	MASTERC CDM-T Elite 70W/942 G12 1CT	0.362	0.363	Cool White (CW)	4200 K	100 lm/W	-

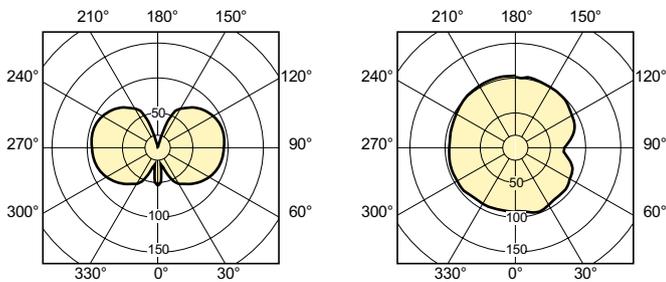
Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928185205131	MASTERC CDM-T Elite 35W/930 G12 1CT/12	85 V	39.1 W
928193605129	MASTERC CDM-T Elite 35W/942 G12 1CT	90 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
928193705129	MASTERC CDM-T Elite 70W/942 G12 1CT	87 V	73.2 W

Approval and Application

Order Code	Full Product Name	Energy	Mercury	Mercury
		Consumption kWh/1000 h	(Hg) Content (Max)	(Hg) Content (Nom)
928185205131	MASTERC CDM-T Elite 35W/930 G12 1CT/12	40 kWh	4.7 mg	4.7 mg
928193605129	MASTERC CDM-T Elite 35W/942 G12 1CT	43 kWh	-	4.9 mg
928185305129	MASTERC CDM-T Elite 70W/930 G12 1CT/12	80 kWh	-	6.6 mg
928193705129	MASTERC CDM-T Elite 70W/942 G12 1CT	80 kWh	-	6.6 mg



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