



Product Description

MASTERColour CDM-T Elite

Single-ended, 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, which 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

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

Application

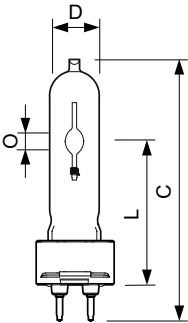
- Accent and display lighting in retail
- Accent and display lighting with a sparkling effect, excellent solution for Retail
- General and decorative indoor lighting
- Decorative outdoor floodlighting
- Outdoor area lighting

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. 35W & 70W lamps may also use electromagnetic 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-T Elite

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 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
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T19

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Luminous Efficacy	
		Coordinate X (Nom)	Coordinate Y (Nom)			(rated) (Nom)	Luminous Flux
928185205129	MASTERC CDM-T Elite 35W/930 G12 1CT/12	0.435	0.395	Warm White (WW)	3000 K	98 lm/W	-
928193605129	MASTERC CDM-T Elite 35W/942 G12 1CT	0.366	0.364	Cool White (CW)	4200 K	98 lm/W	-
928193605131	MASTERC CDM-T Elite 35W/942 G12 1CT	0.371	0.366	Cool White (CW)	4200 K	98 lm/W	3,850 lm
928185305131	MASTERC CDM-T Elite 70W/930 G12 1CT/12	0.434	0.398	Warm White (WW)	3000 K	103 lm/W	7,800 lm
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
928185205129	MASTERC CDM-T Elite 35W/930 G12 1CT/12	85 V	39.1 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928193605129	MASTERC CDM-T Elite 35W/942 G12 1CT	90 V	39.1 W

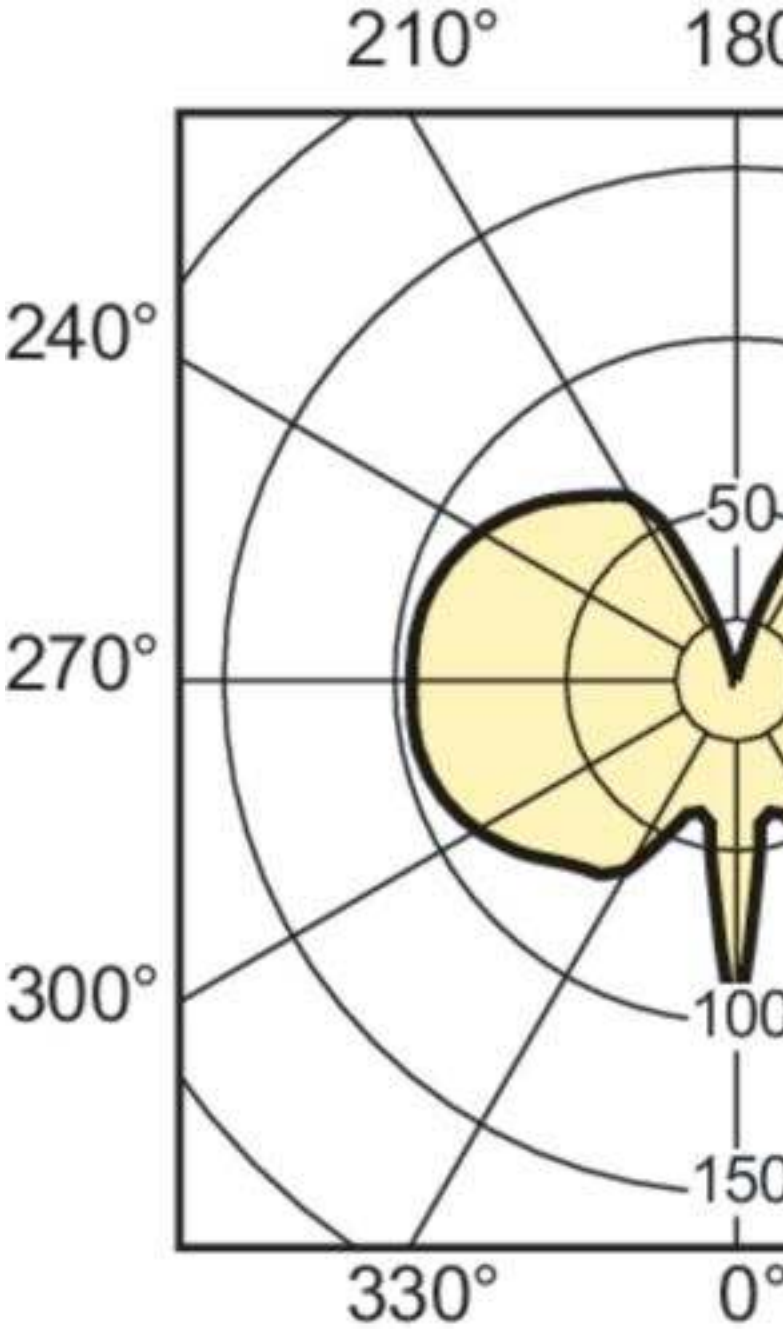
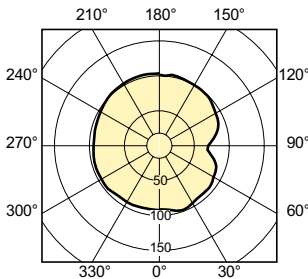
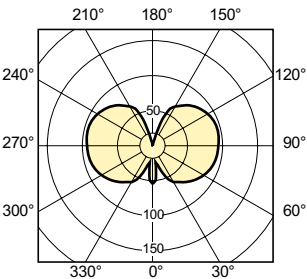
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Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928193605131	MASTERC CDM-T Elite 35W/942 G12 1CT	90 V	39.1 W
928185305131	MASTERC CDM-T Elite 70W/930 G12 1CT/12	85 V	73.2 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928193705129	MASTERC CDM-T Elite 70W/942 G12 1CT	87 V	73.2 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928185205129	MASTERC CDM-T Elite 35W/930 G12 1CT/12	43 kWh	-	4.7 mg
928193605129	MASTERC CDM-T Elite 35W/942 G12 1CT	43 kWh	-	4.9 mg
928193605131	MASTERC CDM-T Elite 35W/942 G12 1CT	40 kWh	4.9 mg	4.9 mg
928185305131	MASTERC CDM-T Elite 70W/930 G12 1CT/12	74 kWh	6.6 mg	6.6 mg
928193705129	MASTERC CDM-T Elite 70W/942 G12 1CT	80 kWh	-	6.6 mg



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