



Perfect sparkle, unrivalled efficiency

MASTERColour CDM-T Elite

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

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

Application

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

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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

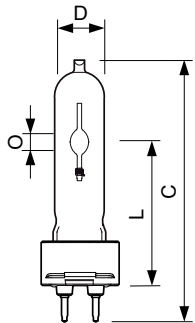


CDM-T Elite 35W /842, /930, /942 G12



CDM-T 70W G12

Dimensional drawing



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

MASTERCcolour CDM-T Elite

Controls and Dimming

Dimmable	No
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Operating and Electrical

Voltage (Max)	90 V
Voltage (Nom)	85 V
Re-ignition Time (Min) (Max)	15 min

General Information

Cap-Base	G12
Life To 10% Failures (Nom)	14000 h
Life To 20% Failures (Nom)	16000 h
Life To 50% Failures (Nom)	20000 h
Life To 5% Failures (Nom)	12000 h
Operating Position	UNIVERSAL

Luminaire Design Requirements

Bulb Temperature (Max)	500 °C
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Light Technical

Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Color Code	930
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K
Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90
Lumen Maintenance 10000 h (Nom)	83 %
Lumen Maintenance 4000 h (Nom)	90 %
Lumen Maintenance 5000 h (Nom)	88 %

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T6

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928185205131	MASTERCcolour CDM-T Elite 35W/930 G12 1CT/12	40 kWh	4.7 mg	4.7 mg
928185305131	MASTERCcolour CDM-T Elite 70W/930 G12 1CT/12	74 kWh	6.6 mg	6.6 mg

Operating and Electrical

Order Code	Full Product Name	Lamp		Power
		Current (EM) (Nom)	Voltage (Min)	(Rated) (Nom)
928185205131	MASTERCcolour CDM-T Elite 35W/930 G12 1CT/12	0.500 A	80 V	39.1 W

Order Code	Full Product Name	Lamp		Power
		Current (EM) (Nom)	Voltage (Min)	(Rated) (Nom)
928185305131	MASTERCcolour CDM-T Elite 70W/930 G12 1CT/12	1 A	79 V	73.2 W

Light Technical (1/2)

Order Code	Full Product Name	Lumen Maintenance	Lumen Maintenance	Lumen Maintenance	Luminous Efficacy (rated)
		1000 h (Nom)	12000 h (Nom)	2000 h (Nom)	(Nom)
928185205131	MASTERCcolour CDM-T Elite	95 %	80 %	93 %	98 lm/W

Order Code	Full Product Name	Lumen Maintenance	Lumen Maintenance	Lumen Maintenance	Luminous Efficacy (rated)
		1000 h (Nom)	12000 h (Nom)	2000 h (Nom)	(Nom)
	35W/930 G12 1CT/12				

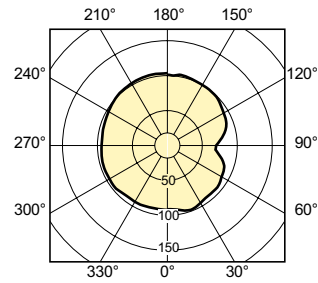
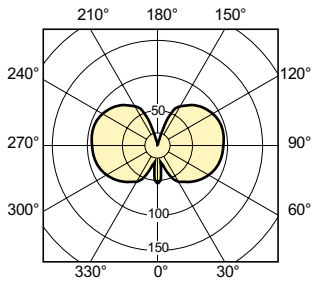
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		Lumen Maintenance	Lumen Maintenance	Lumen Maintenance	Luminous Efficacy (rated)
Order Code	Full Product Name	1000 h (Nom)	12000 h (Nom)	2000 h (Nom)	(Nom)
928185305131	MASTERCcolour CDM-T Elite	97 %	82 %	95 %	103 lm/W

		Lumen Maintenance	Lumen Maintenance	Lumen Maintenance	Luminous Efficacy (rated)
Order Code	Full Product Name	1000 h (Nom)	12000 h (Nom)	2000 h (Nom)	(Nom)
	70W/930 G12 1CT/12				

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
928185205131	MASTERCcolour CDM-T Elite 35W/930 G12 1CT/12	4050 lm	4050 lm
928185305131	MASTERCcolour CDM-T Elite 70W/930 G12 1CT/12	7800 lm	7800 lm



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