



MASTERColour CDM-T Elite

MASTERColour CDM-T Elite 50W/942 G12 1CT

Single-ended, high-efficiency Ceramic Metal Halide discharge lamp

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.

Product data

General Information		Operating and Electrical	
Cap base	G12	Arc Length O (Nom)	7.1 mm
Operating position	UNIVERSAL [Any or Universal (U)]	Power Consumption	50.2 W
Flux measurement reference	Sphere	Voltage (nom.)	91 V
Life to 50% failures (nom.)	15,000 h	Controls and Dimming	
Light Technical		Dimmable	No
Colour Code	942 [CCT of 4200K]	Mechanical and Housing	
Luminous Flux	5,000 lm	Lamp Finish	Clear
Colour designation	Cool White (CW)	Bulb shape	T19
Chromaticity Coordinate X (Nom)	0.371	Net Weight (Piece)	0.030 kg
Chromaticity Coordinate Y (Nom)	0.366		
Correlated Colour Temperature (Nom)	4200 K		
Luminous efficacy (rated) (nom.)	100 lm/W		
Colour rendering index (CRI)	90		

MASTERC colour CDM-T Elite

Approval and Application

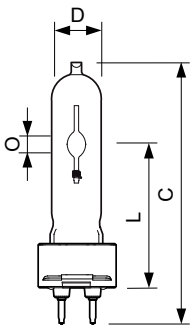
Energy Efficiency Class	F
Mercury (Hg) content (max.)	5.7 mg
Mercury (Hg) content (nom.)	5.7 mg
Energy consumption kWh/1,000 hours	51 kWh
EPREL Registration Number	1519238

Product Data

Order product name	MASTERC CDM-T Elite 50W/942 G12 1CT
Full product name	MASTERC colour CDM-T Elite 50W/942 G12 1CT

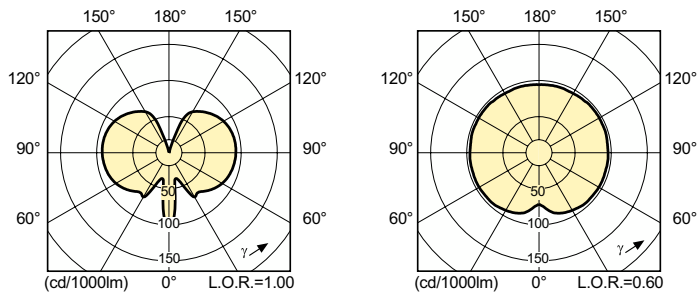
Full EOC	871829120159500
Order code	20159500
Material no. (12 NC)	928080015131
Local order code	50CDMTELITE942
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291201595
Numerator – packs per outer box	12
EAN/UPC – Case	8718291201601

Dimensional drawing

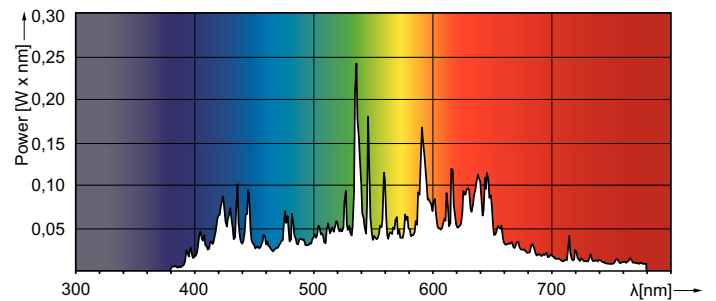


Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 50W/942 G12 1CT	20 mm	7.1 mm	55 mm	57 mm	56 mm	103 mm

Photometric data



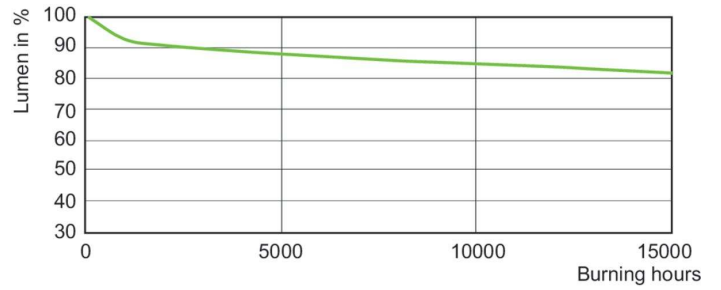
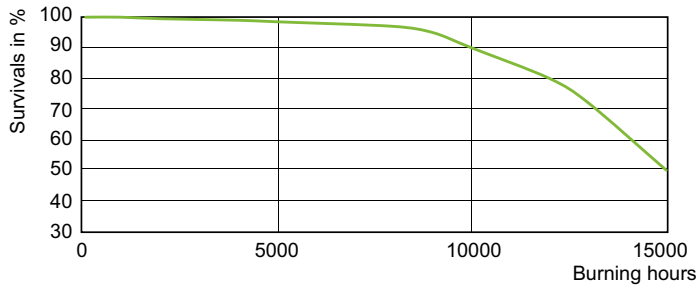
Light Distribution Diagram - MASTERC CDM-T Elite 50W/942 G12 1CT



Spectral Power Distribution Colour - MASTERC CDM-T Elite 50W/942 G12 1CT

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Lifetime



LDLE_CDM-T-E_0009-Life expectancy diagram

Lumen Maintenance Diagram - MASTERC CDM-T Elite 50W/942 G12 1CT

