



MASTERColour CDM-T Elite

MASTERC 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)
- \cdot The luminaire must be able to contain hot lamp parts if the lamp ruptures
- \cdot Use only with electronic control gear. 35W & 70W lamps may also use electromagnetic gear.
- \cdot 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						
Cap-Base	G12 [G12]					
Operating Position	UNIVERSAL [Any or Universal (U)]					
Flux measurement reference	Sphere					
Life to 50% Failures (Nom)	15,000 hour(s)					
Light Technical						
Color Code	942 [CCT of 4200K]					
Luminous Flux	5,000 lm					
Color Designation	Cool White (CW)					
Chromaticity Coordinate X (Nom)	0.371					
Chromaticity Coordinate Y (Nom)	0.366					
Correlated Color Temperature (Nom)	4200 K					
Luminous Efficacy (rated) (Nom)	100 lm/W					
Color rendering index (CRI)	90					

Arc Length O (Nom)	7.1 mm				
Operating and Electrical					
Power Consumption	50.2 W				
Voltage (Nom)	91 V				
Voltage (Nom)	91 V				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Finish	Clear				
Bulb Shape	T19 [T 19mm]				

Datasheet, 2023, May 15 data subject to change

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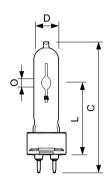
Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	5.7 mg
Mercury (Hg) Content (Nom)	5.7 mg
Energy Consumption kWh/1000 h	51 kWh
EPREL Registration Number	1519238
Product Data	
Order product name	MASTERC CDM-T Elite 50W/942 G12 1CT

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Full product code	871829120159500
Order code	928080015131
Material Nr. (12NC)	928080015131
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291201595
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291201601

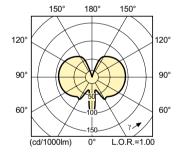
Dimensional drawing

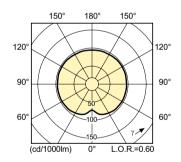
Full product name

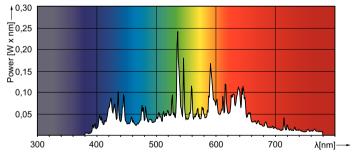


Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 50W/942	20 mm	7.1 mm	55 mm	57 mm	56 mm	103 mm
G12 1CT						

Photometric data





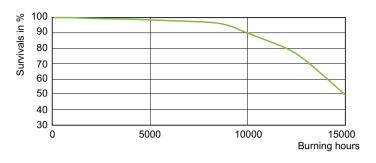


Light Distribution Diagram - MASTERC CDM-T Elite 50W/942 G12 1CT

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

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Lifetime





Life Expectancy Diagram - MASTERC CDM-T Elite 50W/942 G12 1CT

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



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