



MASTERColour CDM-T Elite

MASTERColour CDM-T Elite 100W/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)]				
Life to 50% failures (nom.)	15,000 h				
Light Technical					
Colour Code	942 [CCT of 4200K]				
Colour designation	Cool White (CW)				
Chromaticity Coordinate X (Nom)	0.373				
Chromaticity Coordinate Y (Nom)	0.369				
Correlated Colour Temperature	4200 K				
Luminous efficacy (rated) (nom.)	105 lm/W				
Colour rendering index (CRI)	91				
Arc Length O (Nom)	8.5 mm				

Operating and Electrical					
Power Consumption	100 W				
Voltage (nom.)	88 V				
Voltage (nom.)	88 V				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Lamp Finish	Clear				
Bulb shape	T19 [T 19 mm]				
Approval and Application					
Mercury (Hg) content (nom.)	8.5 mg				

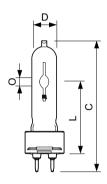
Datasheet, 2023, April 29 data subject to change

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Energy consumption kWh/1,000 hours	110 kWh				
Product Data					
Order product name	MASTERC CDM-T Elite 100W/942 G12 1CT				
Full product name	MASTERColour CDM-T Elite 100W/942 G12 1CT				
Full EOC	871829123178300				
Order code	23178300				
Material no. (12 NC)	928064205131				

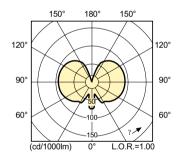
Local order code	100CDMTELITE942		
SAP numerator – quantity per pack	1		
EAN/UPC — Product/Case	8718291231783		
Numerator – packs per outer box	12		
EAN/UPC - Case	8718291231790		

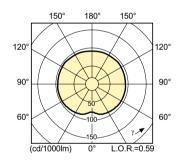
Dimensional drawing

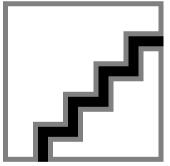


Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 100W/942	20 mm	8.5 mm	55 mm	57 mm	56 mm	110 mm
G12 1CT						

Photometric data





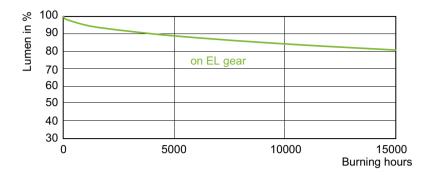


Light Distribution Diagram - MASTERC CDM-T Elite 100W/942 G12 1CT

Spectral Power Distribution Colour - MASTERC CDM-T Elite 100W/942 G12 1CT

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Lifetime



Lumen Maintenance Diagram - MASTERC CDM-T Elite 100W/942 G12 1CT



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