



MASTERColour CDM-T Elite

MASTERC 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
- · 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					
Color Code	942 [CCT of 4200K]				
Color Designation	Cool White (CW)				
Chromaticity Coordinate X (Nom)	0.373				
Chromaticity Coordinate Y (Nom)	0.369				
Correlated Color Temperature (Nom)	4200 K				
Luminous Efficacy (rated) (Nom)	105 lm/W				
Color 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				
Bulb Finish	Clear			
Bulb Shape	T19 [T 19mm]			
Approval and Application				
Mercury (Hg) Content (Nom)	8.5 mg			

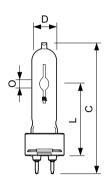
Datasheet, 2023, April 29 data subject to change

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Energy Consumption kWh/1000 h	110 kWh				
Product Data					
Order product name	MASTERC CDM-T Elite 100W/942 G12 1CT				
Full product name	MASTERC CDM-T Elite 100W/942 G12 1CT				
Full product code	871829123178300				
Order code	928064205131				
Material Nr. (12NC)	928064205131				

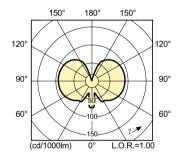
Local order code	CDMTEL100W942		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718291231783		
Numerator - Packs per outer box	12		
EAN/UPC - Case	8718291231790		

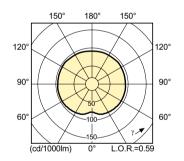
Dimensional drawing

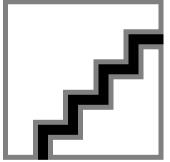


Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 100W/942	20 mm	8.5 mm	55 mm	57 mm	56 mm	110 mm
G12 1CT						

Photometric data





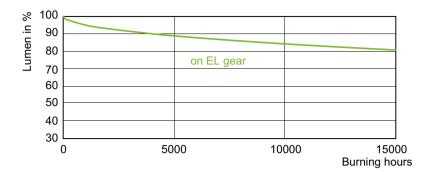


Light Distribution Diagram - MASTERC CDM-T Elite 100W/942 G12 1CT

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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