



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)
- 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	
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]

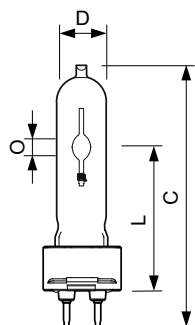
Approval and Application	
Mercury (Hg) content (nom.)	8.5 mg

MASTERC colour CDM-T Elite

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

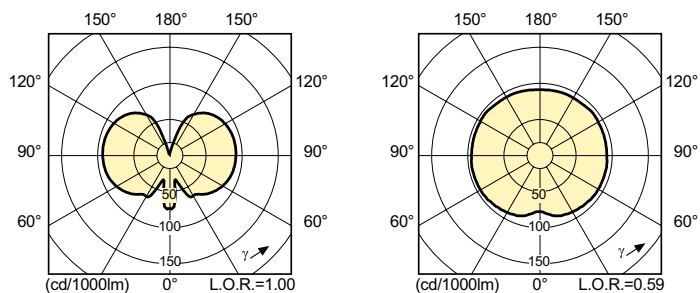
Local order code	100CDMTELITE942
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291231783
Numerator – packs per outer box	12
EAN/UPC - Case	8718291231790

Dimensional drawing

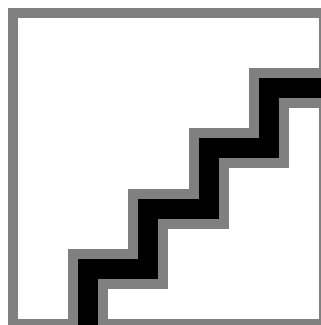


Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 100W/942	20 mm	8.5 mm	55 mm	57 mm	56 mm	110 mm
G12 1CT						

Photometric data



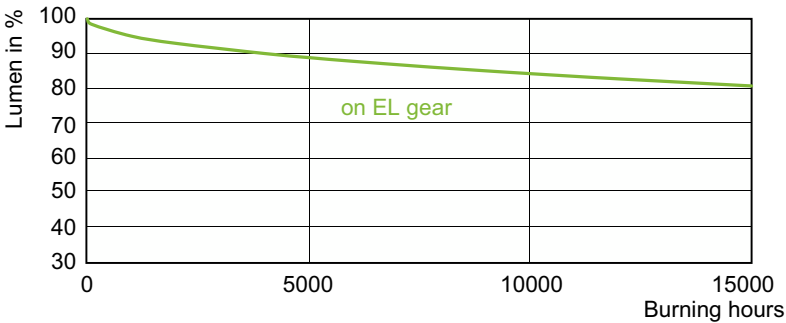
Light Distribution Diagram - MASTERC CDM-T Elite 100W/942 G12 1CT



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

