



# MASTERColour CDM-T

## MASTERC CDM-T 250W/942 G12 1CT/12

Range of single-ended, compact, high-efficiency, discharge lamps with a stable colour over lifetime and a crisp, sparkling light

### 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
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Lamps may use electronic or electromagnetic control gear, except 35W/942 and 20W lamps, which must use electronic control gear.
- 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		Luminous Efficacy (rated) (Nom)	
Cap-Base	G12 [G12]		105 lm/W
Operating Position	UNIVERSAL [Any or Universal (U)]	Color rendering index (CRI)	91
Flux measurement reference	Sphere	Arc Length O (Nom)	12.3 mm
Life to 50% Failures (Nom)	15,000 hour(s)		
Light Technical		Operating and Electrical	
Color Code	942 [CCT of 4200K]	Power Consumption	250.0 W
Luminous Flux	26,250 lm	Voltage (Nom)	93 V
Color Designation	Cool White (CW)	Voltage (Nom)	93 V
Chromaticity Coordinate X (Nom)	0.371		
Chromaticity Coordinate Y (Nom)	0.366	Controls and Dimming	
Correlated Color Temperature (Nom)	4200 K	Dimmable	No

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## Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T24 [T 24mm]

## Approval and Application

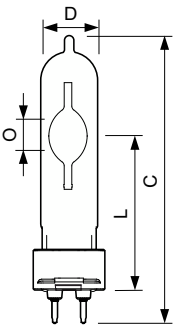
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	20 mg
Mercury (Hg) Content (Nom)	20.0 mg
Energy Consumption kWh/1000 h	250 kWh
EPREL Registration Number	473354

## Product Data

Order product name	MASTERC CDM-T 250W/942 G12 1CT/12
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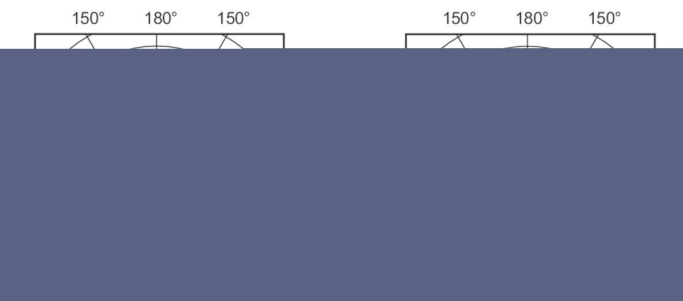
Full product name	MASTERC CDM-T 250W/942 G12 1CT/12
Full product code	871150021112515
Order code	928094205131
Material Nr. (12NC)	928094205131
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500211125
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500211132

## Dimensional drawing

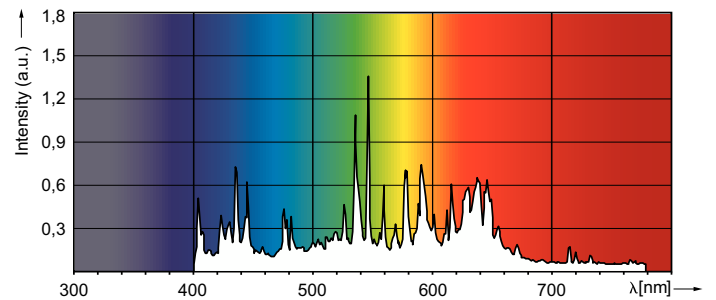


Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-T 250W/942 G12 1CT/12	25 mm	12.3 mm	71.5 mm	73.5 mm	72.5 mm	135 mm

## Photometric data



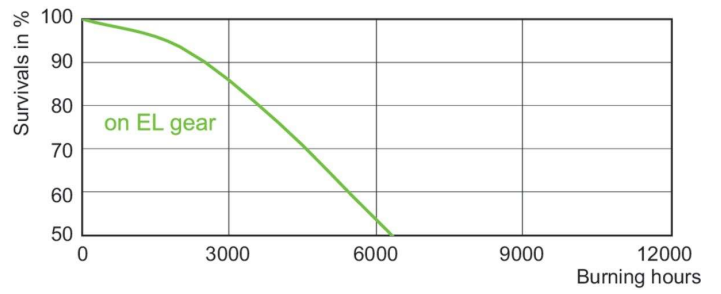
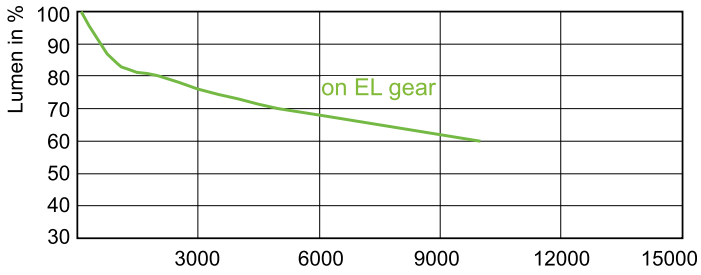
Light Distribution Diagram - MASTERC CDM-T 250W/942 G12 1CT/12



Spectral Power Distribution Colour - MASTERC CDM-T 250W/942 G12 1CT/12

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## Lifetime



Lumen Maintenance Diagram - MASTER CDM-T 250W/942 G12 1CT/12

Life Expectancy Diagram - MASTER CDM-T 250W/942 G12 1CT/12

