PHILIPS Lighting



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)	105 lm/W	
Cap-Base	G12 [G12]	Color rendering index (CRI)	91	
Operating Position	UNIVERSAL [Any or Universal (U)]	Arc Length O (Nom)	12.3 mm	
Flux measurement reference	Sphere			
Life to 50% Failures (Nom)	15,000 hour(s)	Operating and Electrical		
		Power Consumption	250.0 W	
Light Technical		Voltage (Nom)	93 V	
Color Code	942 [CCT of 4200K]	Voltage (Nom)	93 V	
Luminous Flux	26,250 lm			
Color Designation	Cool White (CW)	Controls and Dimming		
Chromaticity Coordinate X (Nom)	0.371	Dimmable	No	
Chromaticity Coordinate Y (Nom)	0.366		i.	
Correlated Color Temperature (Nom)	4200 K			

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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					

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

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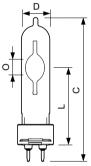
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400

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

Order product name

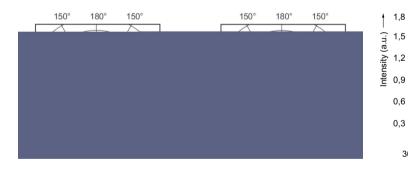


Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T 250W/942	25 mm	12.3 mm	71.5 mm	73.5 mm	72.5 mm	135 mm
G12 1CT/12						

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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

500

600

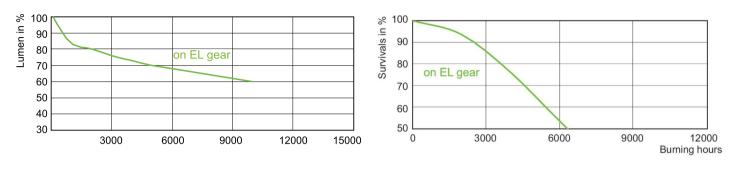
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MASTERColour CDM-T

Lifetime



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

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



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