Lighting

PHILIPS



MASTERColour CDM-T Elite

MASTERColour CDM-T Elite 100W/930 G12 1CT/12

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.
- 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		Arc Length O (Nom)	8.5 mm
Cap base	G12 [G12]		
Operating position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
Flux measurement reference	Sphere	Power Consumption	100.1 W
Life to 50% failures (nom.)	20,000 h	Voltage (nom.)	88 V
		Voltage (nom.)	88 V
Light Technical			
Colour Code	930 [CCT of 3000K]	Controls and Dimming	
Luminous Flux	11,000 lm	Dimmable	No
Colour designation	Warm White (WW)		
Chromaticity Coordinate X (Nom)	0.434	Mechanical and Housing	
Chromaticity Coordinate Y (Nom)	0.398	Lamp Finish	Clear
Correlated Colour Temperature	3000 K	Bulb shape	T19 [T 19 mm]
Luminous efficacy (rated) (nom.)	110 lm/W		
Colour rendering index (CRI)	92		

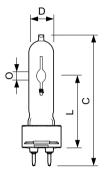
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MASTERColour CDM-T Elite

Approval and Application		
Energy Efficiency Class	F	
Mercury (Hg) content (max.)	10.1 mg	
Mercury (Hg) content (nom.)	10.1 mg	
Energy consumption kWh/1,000 hours 101 kWh		
EPREL registration number	473251	
Product Data		
Order product name	MASTERC CDM-T Elite 100W/930 G12 1CT/12	
Full product name	MASTERColour CDM-T Elite 100W/930 G12	
	1CT/12	

Full EOC	872790087169200
Order code	87169200
Material no. (12 NC)	928183205125
Local order code	100CDMTELITE930
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8727900871692
Numerator – packs per outer box	12
EAN/UPC - Case	8727900871708

Dimensional drawing



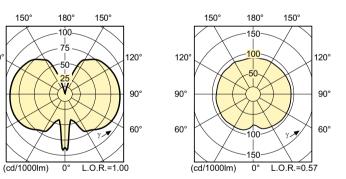
Photometric data

150°

120°

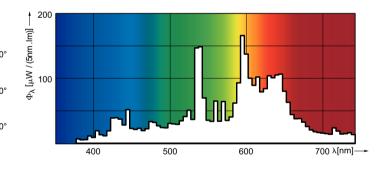
90°

60°



Light Distribution Diagram - MASTERC CDM-T Elite 100W/930 G12 1CT/12

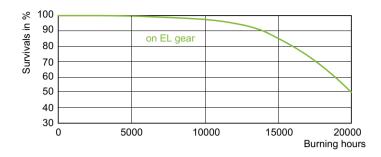
Product D (max) O L(min) L(max) L C (max) MASTERC CDM-T Elite 100W/930 20 mm 8.5 mm 55 mm 57 mm 56 mm 110 mm G12 1CT/12



Spectral Power Distribution Colour - MASTERC CDM-T Elite 100W/930 G12 1CT/12

MASTERColour CDM-T Elite

Lifetime



Life Expectancy Diagram - MASTERC CDM-T Elite 100W/930 G12 1CT/12

\$ 100 c

Lumen Maintenance Diagram - MASTERC CDM-T Elite 100W/930 G12 1CT/12



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