# **PHILIPS** Lighting



# MASTERColour CDM-T Elite

# MASTERC 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**

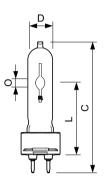
General Information		Arc Length O (Nom)	8.5 mm
ap-Base	G12 [G12]		
perating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
ux measurement reference	Sphere	Power Consumption	100.1 W
Life to 50% Failures (Nom)	20,000 hour(s)	Voltage (Nom)	88 V
		Voltage (Nom)	88 V
ght Technical			
olor Code	930 [CCT of 3000K]	Controls and Dimming	
minous Flux	11,000 lm	Dimmable	No
r Designation	Warm White (WW)		
omaticity Coordinate X (Nom)	0.434	Mechanical and Housing	
omaticity Coordinate Y (Nom)	0.398	Bulb Finish	Clear
related Color Temperature (Nom)	3000 K	Bulb Shape	T19 [T 19mm]
inous Efficacy (rated) (Nom)	110 lm/W		
or rendering index (CRI)	92		

## 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/1000 h	101 kWh		
EPREL Registration Number	473251		
Product Data			
Order product name	MASTERC CDM-T Elite 100W/930 G12 1CT/12		
Full product name	MASTERC CDM-T Elite 100W/930 G12 1CT/12		

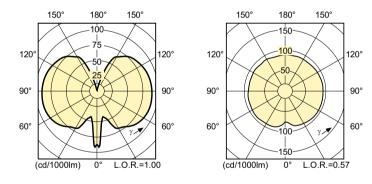
Full product code	872790087169200
Order code	928183205125
Material Nr. (12NC)	928183205125
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8727900871692
Numerator - Packs per outer box	12
EAN/UPC - Case	8727900871708

### **Dimensional drawing**



# Product D (max) D (max) L (max) L (max) C (max) MASTERC CDM-T Elito 100W/930 20 mm 8.5 mm 57 mm 56 mm 10 mm G12 107/12 20 mm 8.5 mm 57 mm 56 mm

#### Photometric data



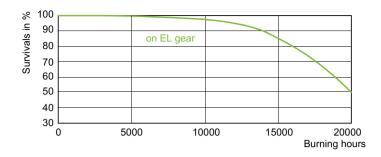
Light Distribution Diagram - MASTERC CDM-T Elite 100W/930 G12 1CT/12

100 100

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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www.lighting.philips.com 2023, August 2 - data subject to change