# Lighting

**PHILIPS** 



## MASTERColour CDM-TC Elite

### MASTERColour CDM-TC Elite 50W/930 G8.5 1CT/12

Single-ended, compact size, 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
- $\cdot$  Use only with electronic control 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		Luminous efficacy (rated) (nom.)	108 lm/W		
Cap base	G8.5	Colour rendering index (CRI)	91 6 mm		
Operating position	UNIVERSAL [Any or Universal (U)]	Arc Length O (Nom)			
Flux measurement reference	Sphere				
Life to 50% failures (nom.)	20,000 h	Operating and Electrical	Operating and Electrical		
		Power Consumption	50.2 W		
Light Technical		Voltage (nom.)	90 V		
Colour Code	930 [CCT of 3000K]	Voltage (nom.)	90 V		
Luminous Flux	5,400 lm				
Colour designation	Warm White (WW)	Controls and Dimming			
Chromaticity Coordinate X (Nom)	0.434	Dimmable	No		
Chromaticity Coordinate Y (Nom)	0.398				
Correlated Colour Temperature	3000 K				

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#### **MASTERColour CDM-TC Elite**

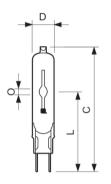
Mechanical and Housing				
Lamp Finish	Clear			
Bulb shape	T14 [T 14 mm]			
Approval and Application				
Energy Efficiency Class	F			
Mercury (Hg) content (max.)	6.6 mg			
Mercury (Hg) content (nom.)	6.6 mg			
Energy consumption kWh/1,000 hours	51 kWh			
EPREL registration number	473270			
Product Data				

Full product name	MASTERColour CDM-TC Elite 50W/930 G8.5			
	1CT/12			
Full EOC	872790093062700			
Order code	93062700			
Material no. (12 NC)	928191805131			
Local order code	50CDMTCELITE930			
SAP numerator – quantity per pack	1			
EAN/UPC — Product/Case	8727900930627			
Numerator – packs per outer box	12			
EAN/UPC - Case	8727900930634			

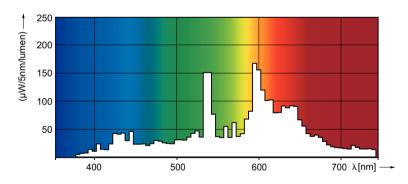
Order product name

MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12

#### Dimensional drawing



#### Photometric data

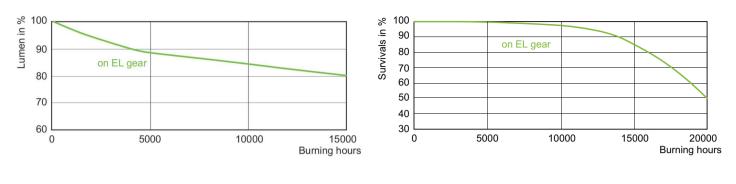


Spectral Power Distribution Colour - MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12

Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite 50W/930	15 mm	6 mm	51 mm	53 mm	52 mm	85 mm
G8.5 1CT/12						

#### MASTERColour CDM-TC Elite

Lifetime



Lumen Maintenance Diagram - MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12 Life Expectancy Diagram - MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12



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