



# MASTERColour CDM-TC Elite

## MASTERC 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)
- · 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
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- · Use only with electronic control gear
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- · Control gear must include end-of-life protection (IEC61167, IEC 62035)
- · 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.
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#### **Product data**

General Information	
Cap-Base	G8.5 [G8.5]
Operating Position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% Failures (Nom)	20,000 hour(s)
Light Technical	
Color Code	930 [CCT of 3000K]

Luminous Flux	5,400 lm		
Color Designation	Warm White (WW)		
Chromaticity Coordinate X (Nom)	0.434		
Chromaticity Coordinate Y (Nom)	0.398		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	108 lm/W		
Color rendering index (CRI)	91		

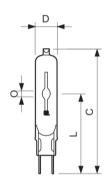
Datasheet, 2023, April 16 data subject to change

## **MASTERColour CDM-TC Elite**

Arc Length O (Nom)	6 mm				
Operating and Electrical					
Power Consumption	50.2 W				
Voltage (Nom)	90 V				
Voltage (Nom)	90 V				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Finish	Clear				
Bulb Shape	T14 [T 14 mm]				
Approval and Application					
Energy Efficiency Class	F				
Mercury (Hg) Content (Max)	6.6 mg				

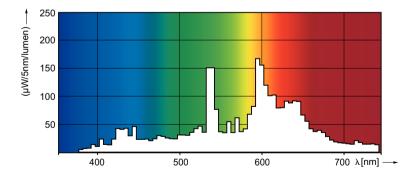
Mercury (Hg) Content (Nom)	6.6 mg			
Energy Consumption kWh/1000 h	51 kWh			
EPREL Registration Number	473270			
Product Data				
Order product name	MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12			
Full product name	MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12			
Full product code	872790093062700			
Order code	928191805131			
Material Nr. (12NC)	928191805131			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8727900930627			
Numerator - Packs per outer box	12			
EAN/UPC - Case	8727900930634			

## Dimensional drawing



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						

#### Photometric data

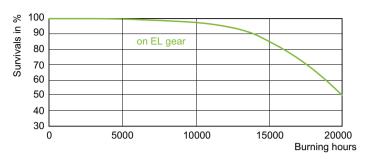


Spectral Power Distribution Colour - MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12

## **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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