



## MASTERColour CDM-TC Elite



# MASTERColour CDM-TC Elite 70W/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)
- 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					
Cap-Base	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	7,800 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)	107 lm/W
Color rendering index (CRI)	90
Arc Length O (Nom)	7.15 mm
Operating and Electrical	
Power Consumption	73.2 W
Voltage (Nom)	85 V
Voltage (Nom)	85 V
Controls and Dimming	
Dimmable	No

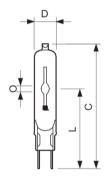
Datasheet, 2023, May 15 data subject to change

## **MASTERColour CDM-TC Elite**

Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T14
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	74 kWh
<b>EPREL Registration Number</b>	473265
Product Data	
Order product name	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12

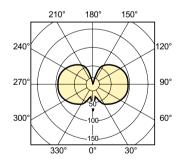
Full product name	MASTERColour CDM-TC Elite 70W/930 G8.5				
	1CT/12				
Full product code	872790091153400				
Order code	91153400				
Material Nr. (12NC)	928189505131				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8727900911534				
Numerator - Packs per outer box	12				
EAN/UPC - Case	8727900911541				

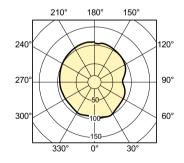
## Dimensional drawing

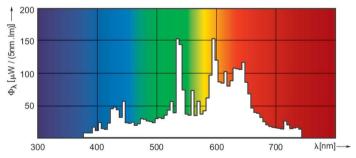


Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite 70W/930	15 mm	7.15 mm	51 mm	53 mm	52 mm	85 mm
G8.5 1CT/12						

#### Photometric data





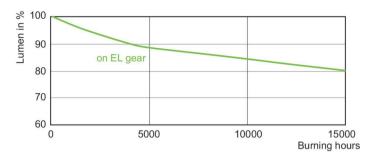


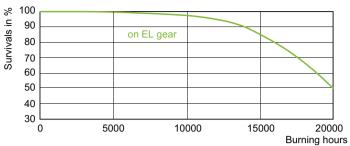
Light Distribution Diagram - MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12

Spectral Power Distribution Colour - MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12

## **MASTERColour CDM-TC Elite**

#### Lifetime





Lumen Maintenance Diagram - MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12

Life Expectancy Diagram - MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12



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