



# MASTERColour CDM-TC Elite

# MASTERC 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)
- · 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
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- · 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)]
Life to 50% Failures (Nom)	20,000 hour(s)
Light Technical	
Color Code	930 [CCT of 3000K]
Color Designation	Warm White (WW)

Chromaticity Coordinate X (Nom)	0.435
Chromaticity Coordinate Y (Nom)	0.396
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

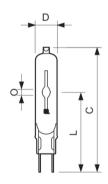
Datasheet, 2023, May 15 data subject to change

# **MASTERColour CDM-TC Elite**

Operating and Electrical	
Power Consumption	73.2 W
Voltage (Nom)	85 V
Voltage (Nom)	85 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T14 [T 14 mm]
Approval and Application	
Mercury (Hg) Content (Nom)	6.6 mg

Energy Consumption kWh/1000 h	80 kWh
Product Data	
Order product name	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12
Full product name	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12
Full product code	871869648471500
Order code	928189505129
Material Nr. (12NC)	928189505129
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696484715
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696484722

## Dimensional drawing

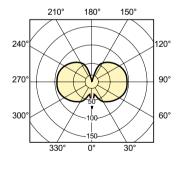


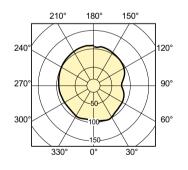
 Product
 D (max)
 L (min)
 L (max)
 L (max)

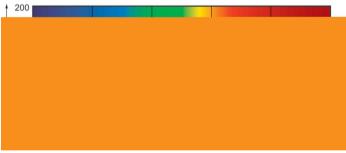
 MASTERC CDM-TC Elite 70W/930
 15 mm
 7.15 mm
 51 mm
 53 mm
 52 mm
 85 mm

 G8.5 1CT/12
 5 mm
 5 mm
 5 mm
 5 mm
 5 mm
 6 mm

### Photometric data







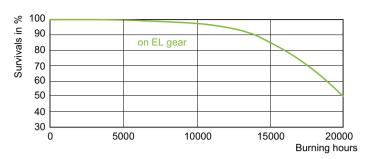
Light Distribution Diagram - MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12

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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