



# MASTERColour CDM-TC

# MASTERC CDM-TC 70W/830 G8.5 UVbl-Q OEM

Range of single-ended, very compact, high-efficiency, discharge lamps with a stable color over lifetime and a crisp, sparkling light

#### **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
- · Control gear must include end-of-life protection (IEC61167, IEC 62035)
- · Use only with electronic control gear. 35W/830 lamps may also use electromagnetic gear.
- 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 [G8.5]				
Operating Position	UNIVERSAL [Any or Universal (U)]				
Life to 50% Failures (Nom)	12,000 hour(s)				
Light Technical					
Color Code	830 [CCT of 3000K]				
Color Designation	Warm White (WW)				
Chromaticity Coordinate X (Nom)	0.439				
Chromaticity Coordinate Y (Nom)	0.398				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	86 lm/W				
Color rendering index (CRI)	83				

Arc Length O (Nom)	7 mm				
Operating and Electrical					
Power Consumption	73 W				
Voltage (Nom)	83 V				
Voltage (Nom)	83 V				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Finish	Clear				
Bulb Material	UV-Block Quartz				

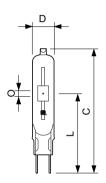
Datasheet, 2023, September 4 data subject to change

# **MASTERColour CDM-TC**

Bulb Shape	T14 [T 14 mm]				
Approval and Application					
Mercury (Hg) Content (Nom)	4.6 mg				
Energy Consumption kWh/1000 h	80 kWh				
Product Data					
Order product name	MASTERC CDM-TC 70W/830 G8.5 UVbl-Q OEM				
Full product name	MASTERC CDM-TC 70W/830 G8.5 UVbl-Q OEM				

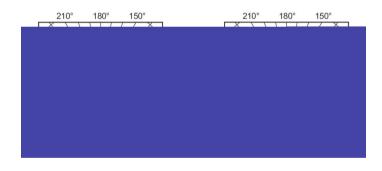
Full product code	871150020653415
Order code	928086505175
Material Nr. (12NC)	928086505175
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500206534
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500206541

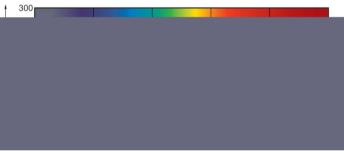
# Dimensional drawing



Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC	15 mm	0.5 inch	7 mm	51 mm	53 mm	52 mm	85 mm
70W/830 G8.5 UVbl-Q							
OEM							

#### Photometric data



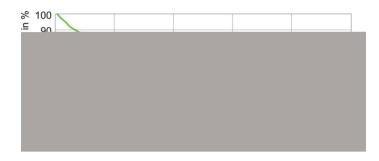


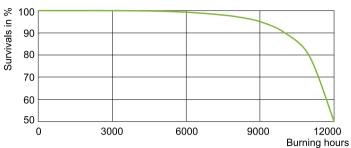
Light Distribution Diagram - MASTERC CDM-TC 70W/830 G8.5 UVbl-Q OEM

Spectral Power Distribution Colour - MASTERC CDM-TC 70W/830 G8.5 UVbl-Q OEM

# **MASTERColour CDM-TC**

#### Lifetime





Lumen Maintenance Diagram - MASTERC CDM-TC 70W/830 G8.5 UVbl-Q OEM

Life Expectancy Diagram - MASTERC CDM-TC 70W/830 G8.5 UVbl-Q OEM



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