



# MASTERColour CDM-T



# MASTERC CDM-T 70W/830 G12 1CT/12

Range of single-ended, 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)
- $\boldsymbol{\cdot}$  The luminaire must be able to contain hot lamp parts if the lamp ruptures
- $\cdot$  Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Lamps may use electronic or electromagnetic control gear, except 35W/942 and 20W lamps, which must use electronic control 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	G12 [G12]				
Operating Position	UNIVERSAL [Any or Universal (U)]				
Flux measurement reference	Sphere				
Life to 50% Failures (Nom)	12,000 hour(s)				
Light Technical					
Color Code	830 [CCT of 3000K]				
Luminous Flux	6,200 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)	85 lm/W
Color rendering index (CRI)	84
Arc Length O (Nom)	7 mm
Operating and Electrical	
Power Consumption	73.2 W
Voltage (Nom)	88 V
Voltage (Nom)	88 V
Controls and Dimming	
Dimmable	No

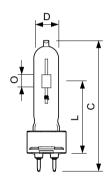
Datasheet, 2023, November 29 data subject to change

# **MASTERColour CDM-T**

Mechanical and Housing					
Bulb Finish	Clear				
Bulb Shape	T19 [T 19mm]				
Approval and Application					
Energy Efficiency Class	G				
Mercury (Hg) Content (Max)	4.6 mg				
Mercury (Hg) Content (Nom)	4.6 mg				
Energy Consumption kWh/1000 h	74 kWh				
EPREL Registration Number	473328				
Product Data					
Order product name	MASTERC CDM-T 70W/830 G12 1CT/12				

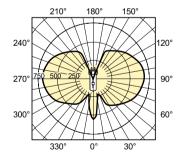
Full product name	MASTERC CDM-T 70W/830 G12 1CT/12			
Full product code	871150019699615			
Order code	928082305125			
Material Nr. (12NC)	928082305125			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8711500196996			
Numerator - Packs per outer box	12			
EAN/UPC - Case	8711500197009			

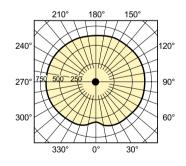
# Dimensional drawing

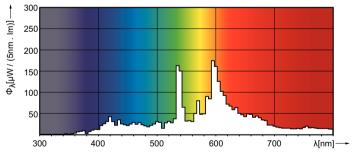


Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T	20 mm	0.75 inch	7 mm	55 mm	57 mm	56 mm	103 mm
70W/830 G12 1CT/12							

### Photometric data





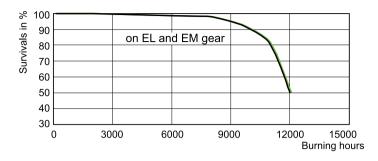


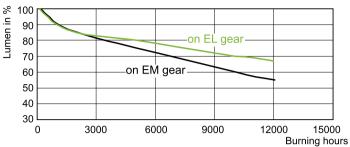
Light Distribution Diagram - MASTERC CDM-T 70W/830 G12 1CT/12

Spectral Power Distribution Colour - MASTERC CDM-T 70W/830 G12 1CT/12

# **MASTERColour CDM-T**

### Lifetime





Life Expectancy Diagram - MASTERC CDM-T 70W/830 G12 1CT/12

Lumen Maintenance Diagram - MASTERC CDM-T 70W/830 G12 1CT/12



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