



## MASTERColour CDM-T

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

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

### Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
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- $\cdot$  The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- Lamps may use electronic or electromagnetic control gear, except 35W/942 and 20W lamps, which must use electronic control gear.
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- 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		Light Technical	
Cap-Base	G12 [G12]	Color Code	830 [CCT of 3000K]
Operating Position	UNIVERSAL [Any or Universal (U)]	Color Designation	Warm White (WW)
Life to 50% Failures (Nom)	12,000 hour(s)	Chromaticity Coordinate X (Nom)	0.432
		Chromaticity Coordinate Y (Nom)	0.395

### **MASTERColour CDM-T**

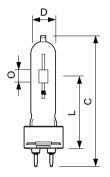
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	85 lm/W	
Color rendering index (CRI)	84	
Arc Length O (Nom)	7 mm	
Operating and Electrical		
Power Consumption	73 W	
Voltage (Nom)	88 V	
Voltage (Nom)	88 V	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Clear	
Bulb Shape	T19 [T 19mm]	

Approval and Application		
Mercury (Hg) Content (Nom)	4.6 mg	
Energy Consumption kWh/1000 h	80 kWh	
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	871829120078900	
Order code	928082305192	
Material Nr. (12NC)	928082305192	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291200789	
Numerator - Packs per outer box	12	

EAN/UPC - Case

8718291200796

### **Dimensional drawing**



Photometric data

210°

330°

240

270

300

180°

0°

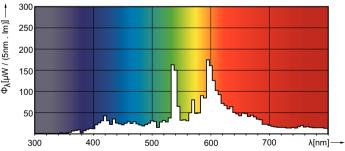
150°

30°

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

#### 210° 180° 150° Φ<sub>λ</sub>[μW / (5nm . lm)] 120° 240° 120° 90° 270° 90° 60° 300 60° 330 0' 30°

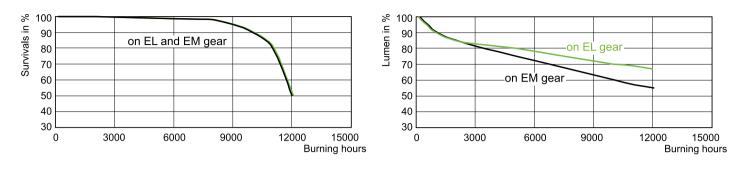
### Light Distribution Diagram - MASTERC CDM-T 70W/830 G12 1CT/12



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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