



# 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)]				
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)	0.432				
Chromaticity Coordinate Y (Nom)	0.395				
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

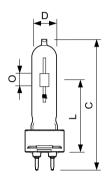
Datasheet, 2023, September 4 data subject to change

## **MASTERColour CDM-T**

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				

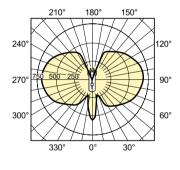
Full product code	871829120078900			
Order code	928082305192			
Material Nr. (12NC)	928082305192			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718291200789			
Numerator - Packs per outer box	12			
EAN/UPC - Case	8718291200796			

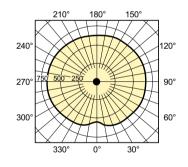
## Dimensional drawing

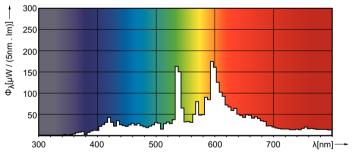


Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T	20 mm	0.75 inch	7 mm	55 mm	57 mm	56 mm	103 mm
70W/830 G12 1CT/12							

#### Photometric data





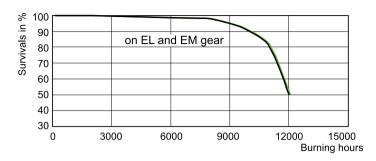


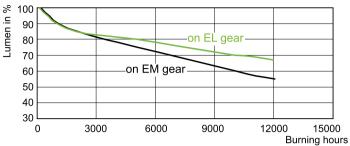
Light Distribution Diagram - MASTERC CDM-T 70W/830 G12 1CT/12

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



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.