



MASTERColour CDM-T

MASTERC CDM-T 35W/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)
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- \cdot The luminaire must be able to contain hot lamp parts if the lamp ruptures
- \cdot 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)
- 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.
- 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.
- 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		Light Technical			
Cap-Base	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)	0.428		
		Chromaticity Coordinate Y (Nom)	0.397		

MASTERColour CDM-T

Correlated Color Temperature (Nom)	3000 K	Approval and Application
Luminous Efficacy (rated) (Nom)	79 lm/W	Mercury (Hg) Content (Nom)
Color rendering index (CRI)	83	Energy Consumption kWh/1000 h
Arc Length O (Nom)	5 mm	
		Product Data
Operating and Electrical		Order product name
Power Consumption	39.1 W	Full product name
Voltage (Nom)	82 V	Full product code
Voltage (Nom)	82 V	Order code
		Material Nr. (12NC)
Controls and Dimming		Numerator - Quantity Per Pack
Dimmable	No	EAN/UPC - Product/Case
	·	Numerator - Packs per outer box
Mechanical and Housing		EAN/UPC - Case
Bulb Finish	Clear	
Bulb Shape	T19	

Approval and Application						
Mercury (Hg) Content (Nom)	3.1 mg					
Energy Consumption kWh/1000 h	43 kWh					
Product Data						
Order product name	MASTERC CDM-T 35W/830 G12 1CT/12					
Full product name	MASTERC CDM-T 35W/830 G12 1CT/12 871869648443200					
Full product code						
Order code	928083105129					
Material Nr. (12NC)	928083105129					

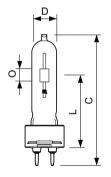
1

12

8718696484432

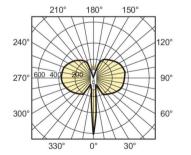
8718696484449

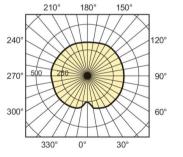
Dimensional drawing



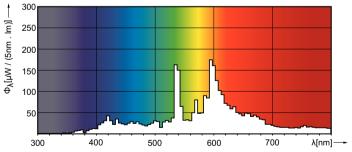
Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T	20 mm	0.75 inch	5 mm	55 mm	57 mm	56 mm	103 mm
35W/830 G12 1CT/12							

Photometric data





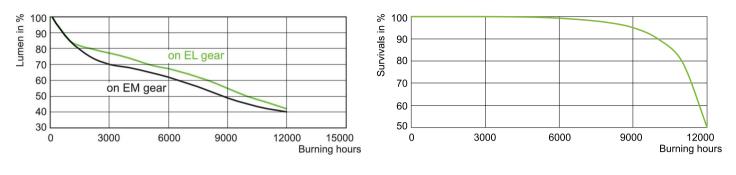
Light Distribution Diagram - MASTERC CDM-T 35W/830 G12 1CT/12



Spectral Power Distribution Colour - MASTERC CDM-T 35W/830 G12 1CT/12

MASTERColour CDM-T

Lifetime



Lumen Maintenance Diagram - MASTERC CDM-T 35W/830 G12 1CT/12

Life Expectancy Diagram - MASTERC CDM-T 35W/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.

www.lighting.philips.com 2023, May 15 - data subject to change