Lighting

PHILIPS



MASTERColour CDM-T

MASTERC CDM-T 70W/942 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)
- 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)
- 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		Luminous Efficacy (rated) (Nom)	85 lm/W
Cap-Base	G12 [G12]	Color rendering index (CRI)	92
Operating Position	UNIVERSAL [Any or Universal (U)]		
Flux measurement reference	Sphere	Operating and Electrical	
Life to 50% Failures (Nom)	12,000 hour(s)	Power Consumption	73.2 W
		Voltage (Nom)	88 V
Light Technical		Voltage (Nom)	88 V
Color Code	942 [CCT of 4200K]		
Luminous Flux	6,200 lumen	Controls and Dimming	
Color Designation	Cool White (CW)	Dimmable	No
Chromaticity Coordinate X (Nom)	0.371		
Chromaticity Coordinate Y (Nom)	0.366	Mechanical and Housing	
Correlated Color Temperature (Nom)	4200 K	Bulb Finish Clear	

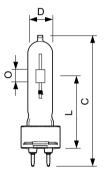
G

MASTERColour CDM-T

Bulb Shape	T19 [T 19mm]		
Approval and Application			
Energy Efficiency Class	G		
Mercury (Hg) Content (Max)	6.1 mg		
Mercury (Hg) Content (Nom)	6.1 mg		
Energy Consumption kWh/1000 h	74 kWh		
EPREL Registration Number	473337		
Product Data			
Full product code	871150019927015		

Order product name	MASTERC CDM-T 70W/942 G12 1CT/12
Order code	928084505131
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928084505131
Full product name	MASTERC CDM-T 70W/942 G12 1CT/12
EAN/UPC - Case	8711500199287
EAN/UPC - Product/Case	8711500199270

Dimensional drawing

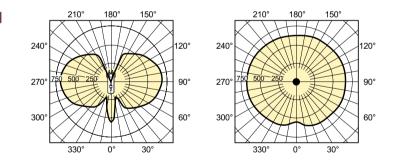


Photometric data

300

ŧ

MASTERC CDM-T 20 mm 0.75 inch 6 mm 55 mm 57 mm 56 mm 103 70W/942 G12 1CT/12	Product	D (max)	D	0	L (min)	L (max)	L	C (max)
70W/942 G12 1CT/12	MASTERC CDM-T	20 mm	0.75 inch	6 mm	55 mm	57 mm	56 mm	103 mm
	70W/942 G12 1CT/12							

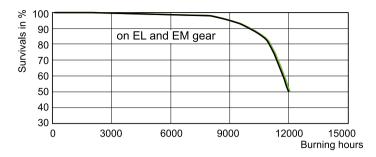


Spectral Power Distribution Colour - MASTERC CDM-T 70W/942 G12 1CT/12

Light Distribution Diagram - MASTERC CDM-T 70W/942 G12 1CT/12

MASTERColour CDM-T

Lifetime



Life Expectancy Diagram - MASTERC CDM-T 70W/942 G12 1CT/12

. 0	100		
0	100		
.=		 	

Lumen Maintenance Diagram - MASTERC CDM-T 70W/942 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, October 20 - data subject to change