



MASTERColour CDM-T Elite

MASTERC CDM-T Elite 70W/942 G12 1CT

Single-ended, high-efficiency Ceramic Metal Halide discharge lamp

Warnings and Safety

- · 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
- · Use only with electronic control gear. 35W & 70W lamps may also use electromagnetic gear.
- \cdot Control gear must include end-of-life protection (IEC61167, IEC 62035)
- 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				
Operating Position	UNIVERSAL [Any or Universal (U)]				
Life to 50% Failures (Nom)	15,000 h				
Light Technical					
Color Code	942 [CCT of 4200K]				
Color Designation	Cool White (CW)				
Chromaticity Coordinate X (Nom)	0.362				
Chromaticity Coordinate Y (Nom)	0.363				
Correlated Color Temperature (Nom)	4200 K				
Luminous Efficacy (rated) (Nom)	100 lm/W				
Color rendering index (CRI)	90				
Arc Length O (Nom)	7.75 mm				

Operating and Electrical	
Power Consumption	73.2 W
Voltage (Nom)	87 V
Voltage (Nom)	87 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T19
Approval and Application	
Mercury (Hg) Content (Nom)	6.6 mg

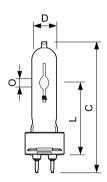
Datasheet, 2023, April 14 data subject to change

MASTERColour CDM-T Elite

Energy Consumption kWh/1000 h	80 kWh				
Product Data					
Order product name	MASTERC CDM-T Elite 70W/942 G12 1CT				
Full product name	MASTERC CDM-T Elite 70W/942 G12 1CT				
Full product code	871869648457900				
Local code description	CDMTEL70W942				
Order code	928193705129				

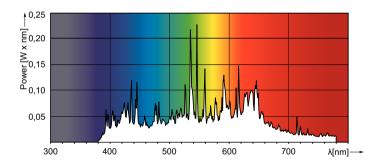
Material Nr. (12NC)	928193705129
Local order code	CDMTEL70W942
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696484579
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696484586

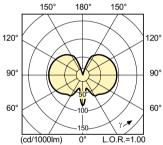
Dimensional drawing

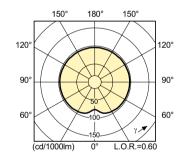


Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 70W/942	20 mm	7.75 mm	55 mm	57 mm	56 mm	103 mm
G12 1CT						

Photometric data





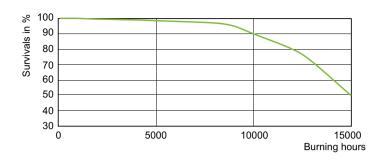


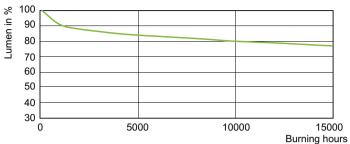
Spectral Power Distribution Colour - MASTERC CDM-T Elite 70W/942 G12 1CT

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

MASTERColour CDM-T Elite

Lifetime





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

Lumen Maintenance Diagram - MASTERC CDM-T Elite 70W/942 G12 1CT



© 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.