# **PHILIPS** Lighting



# 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.
- 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**

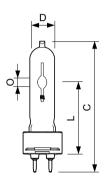
General Information		Operating and Electrical			
Cap-Base	G12	Power Consumption	73.2 W		
Operating Position	UNIVERSAL [Any or Universal (U)]	Voltage (Nom)	87 V		
Life to 50% Failures (Nom)	15,000 hour(s)	Voltage (Nom)	87 V		
ight Technical		Controls and Dimming			
Color Code	942 [CCT of 4200K]	Dimmable	No		
Color Designation	Cool White (CW)				
Chromaticity Coordinate X (Nom)	0.362	Mechanical and Housing			
Chromaticity Coordinate Y (Nom)	0.363	Bulb Finish	Clear		
Correlated Color Temperature (Nom)	4200 K	Bulb Shape	T19		
Luminous Efficacy (rated) (Nom)	100 lm/W				
Color rendering index (CRI)	90	Approval and Application			
Arc Length O (Nom)	7.75 mm	Mercury (Hg) Content (Nom)	6.6 mg		

## 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			
Order code	928193705129			

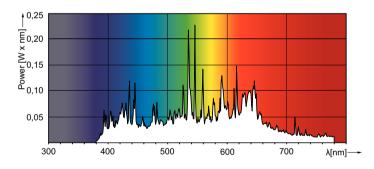
Material Nr. (12NC)	928193705129			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696484579			
Numerator - Packs per outer box	12			
EAN/UPC - Case	8718696484586			

#### Dimensional drawing

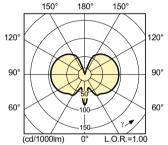


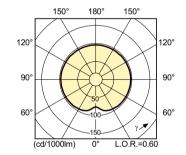
Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 70W/942	20 mm	7.75 mm	55 mm	57 mm	56 mm	103 mm
G12 1CT						

#### Photometric data



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

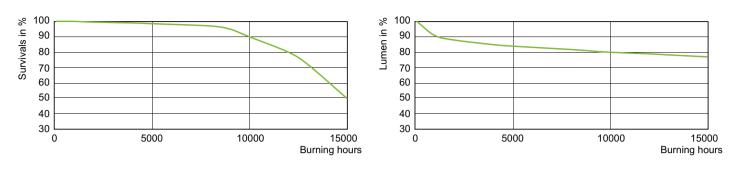




Light Distribution Diagram - MASTERC CDM-T Elite 70W/942 G12 1CT

## 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



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