



# 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)
- $\boldsymbol{\cdot}$  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					
Operating Position	UNIVERSAL [Any or Universal (U)]					
Life to 50% Failures (Nom)	12,000 hour(s)					
Light Technical						
Color Code	942 [CCT of 4200K]					
Color Designation	Cool White (CW)					
Chromaticity Coordinate X (Nom)	0.377					
Chromaticity Coordinate Y (Nom)	0.376					
Correlated Color Temperature (Nom)	4200 K					
Luminous Efficacy (rated) (Nom)	85 lm/W					
Color rendering index (CRI)	92					

Arc Length O (Nom)	6 mm
Operating and Electrical	
Power Consumption	73.2 W
Voltage (Nom)	88 V
Voltage (Nom)	88 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

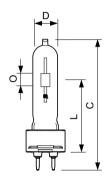
Datasheet, 2024, February 1 data subject to change

# **MASTERColour CDM-T**

Bulb Shape	T19				
Approval and Application					
Mercury (Hg) Content (Nom)	6.1 mg				
Energy Consumption kWh/1000 h	80 kWh				
Product Data					
Order product name	MASTERC CDM-T 70W/942 G12 1CT/12				
Full product name	MASTERC CDM-T 70W/942 G12 1CT/12				

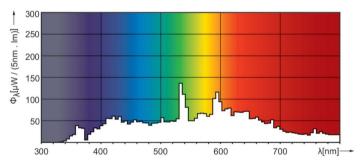
Full product code	871869648449400
Order code	928084505129
Material Nr. (12NC)	928084505129
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696484494
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696484500

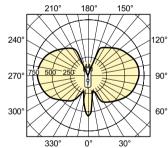
# Dimensional drawing

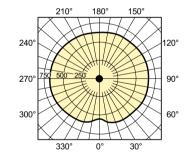


Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T	20 mm	0.75 inch	6 mm	55 mm	57 mm	56 mm	103 mm
70W/942 G12 1CT/12							

### Photometric data





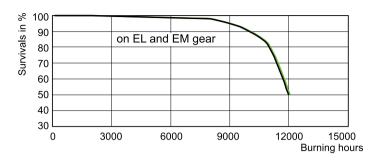


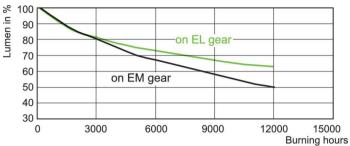
Spectral Power Distribution Colour - MASTERC CDM-T 70W/942 G12 1CT/12

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

Lumen Maintenance Diagram - MASTERC CDM-T 70W/942 G12 1CT/12



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