



# MASTERColour CDM-T



## MASTERColour CDM-T 70W/942 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)
- $\boldsymbol{\cdot}$  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)]
Flux measurement reference	Sphere
Life to 50% failures (nom.)	12,000 h
Light Technical	
Colour Code	942 [CCT of 4200K]
Luminous Flux	6,200 lm
Colour designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.371
Chromaticity Coordinate Y (Nom)	0.366
Correlated Colour Temperature	4200 K

Luminous efficacy (rated) (nom.)	85 lm/W
Colour 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

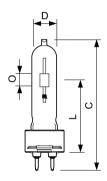
Datasheet, 2023, April 16 data subject to change

## **MASTERColour CDM-T**

Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	T19
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) content (max.)	6.1 mg
Mercury (Hg) content (nom.)	6.1 mg
Energy consumption kWh/1,000 hours	74 kWh
EPREL registration number	473337
Product Data	
Order product name	MASTERC CDM-T 70W/942 G12 1CT/12

Full product name	MASTERColour CDM-T 70W/942 G12 1CT/12
Full EOC	871150019927015
Order code	19927015
Material no. (12 NC)	928084505131
Local order code	70CDMT942
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8711500199270
Numerator – packs per outer box	12
EAN/UPC - Case	8711500199287

### Dimensional drawing

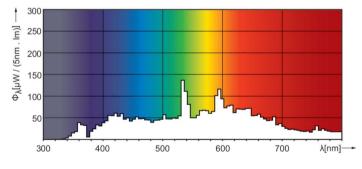


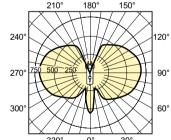
 Product
 D (max)
 D (max)
 O (min)
 L (min)
 L (max)
 L (max)
 C (max)

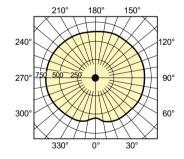
 MASTERC CDM-T70W/942
 20 mm
 0.75 in
 6 mm
 55 mm
 57 mm
 56 mm
 103 mm

 G12 1CT/12
 10 mm
 10 mm

### Photometric data





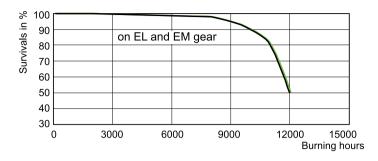


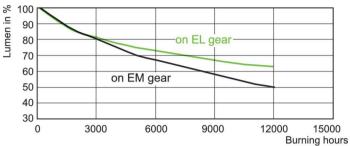
Spectral Power Distribution Colour - MASTERC CDM-T 70W/942 G12 1CT/12

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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