



# MASTERColour CDM-T

# MASTERC CDM-T 35W/830 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 [G12]			
Operating Position	UNIVERSAL [Any or Universal (U)]			
Life to 50% Failures (Nom)	12,000 hour(s)			
Light Technical				
Color Code	830 [CCT of 3000K]			
Color Designation	Warm White (WW)			
Chromaticity Coordinate X (Nom)	0.428			
Chromaticity Coordinate Y (Nom)	0.397			
Correlated Color Temperature (Nom)	3000 K			
Luminous Efficacy (rated) (Nom)	79 lm/W			
Color rendering index (CRI)	83			

Arc Length O (Nom)	5 mm
Operating and Electrical	
Power Consumption	39 W
Voltage (Nom)	88 V
Voltage (Nom)	88 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

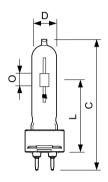
Datasheet, 2023, May 16 data subject to change

## **MASTERColour CDM-T**

Bulb Shape	T19 [T 19mm]				
Approval and Application					
Mercury (Hg) Content (Nom)	3.1 mg				
Energy Consumption kWh/1000 h	43 kWh				
Product Data					
Order product name	MASTERC CDM-T 35W/830 G12 1CT/12				
Full product name	MASTERC CDM-T 35W/830 G12 1CT/12				

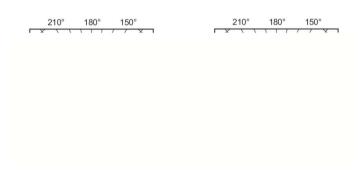
Full product code	871829120074100
Order code	928083105192
Material Nr. (12NC)	928083105192
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291200741
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291200758

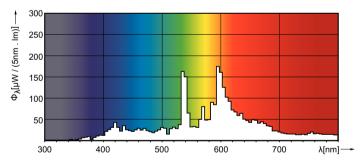
## Dimensional drawing



Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T	20 mm	0.75 inch	5 mm	55 mm	57 mm	56 mm	103 mm
35W/830 G12 1CT/12							

#### Photometric data



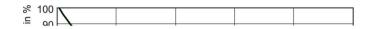


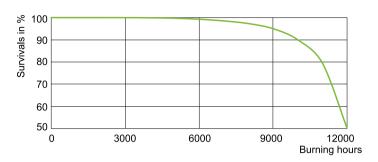
Light Distribution Diagram - MASTERC CDM-T 35W/830 G12 1CT/12

Spectral Power Distribution Colour - MASTERC CDM-T 35W/830 G12 1CT/12

## **MASTERColour CDM-T**

#### Lifetime





Lumen Maintenance Diagram - MASTERC CDM-T 35W/830 G12 1CT/12

Life Expectancy Diagram - MASTERC CDM-T 35W/830 G12 1CT/12



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