



# MASTERColour CDM-T



# MASTERColour CDM-T 70W/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				
Operating position	UNIVERSAL [Any or Universal (U)]				
Flux measurement reference	Sphere				
Life to 50% failures (nom.)	12,000 h				
Light Technical					
Colour Code	830 [CCT of 3000K]				
Luminous Flux	6,200 lm				
Colour designation	Warm White (WW)				
Chromaticity Coordinate X (Nom)	0.434				
Chromaticity Coordinate Y (Nom)	0.398				
Correlated Colour Temperature	3000 K				

r rendering index (CRI) 84 ength O (Nom) 7 mm  rating and Electrical r Consumption 73.2 W ge (nom.) 88 V ge (nom.) 88 V rols and Dimming				
ength O (Nom) 7 mm  rating and Electrical r Consumption 73.2 W ge (nom.) 88 V ge (nom.) 88 V rols and Dimming	Luminous efficacy (rated) (nom.)	85 lm/W		
rating and Electrical r Consumption 73.2 W ge (nom.) 88 V ge (nom.) 88 V rols and Dimming	Colour rendering index (CRI)	84		
r Consumption 73.2 W ge (nom.) 88 V ge (nom.) 88 V rols and Dimming	Arc Length O (Nom)	7 mm		
r Consumption 73.2 W ge (nom.) 88 V ge (nom.) 88 V rols and Dimming				
ge (nom.) 88 V ge (nom.) 88 V rols and Dimming	Operating and Electrical			
ge (nom.) 88 V rols and Dimming	Power Consumption	73.2 W		
rols and Dimming	Voltage (nom.)	88 V		
	Voltage (nom.)	88 V		
able No	Controls and Dimming			
	Dimmable	No		
		No		

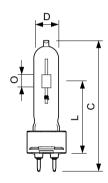
Datasheet, 2023, April 16 data subject to change

# **MASTERColour CDM-T**

Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	T19
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) content (max.)	4.6 mg
Mercury (Hg) content (nom.)	4.6 mg
Energy consumption kWh/1,000 hours	74 kWh
EPREL registration number	473328
Product Data	
Order product name	MASTERC CDM-T 70W/830 G12 1CT/12

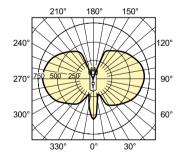
Full product name	MASTERColour CDM-T 70W/830 G12 1CT/12				
Full EOC	871150019699615				
Order code	19699615				
Material no. (12 NC)	928082305125				
Local order code	70CDMT830				
SAP numerator – quantity per pack	1				
EAN/UPC — Product/Case	8711500196996				
Numerator – packs per outer box	12				
EAN/UPC - Case	8711500197009				

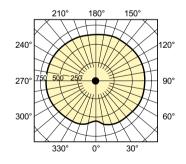
## Dimensional drawing

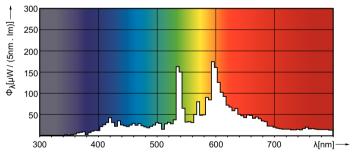


Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T 70W/830	20 mm	0.75 in	7 mm	55 mm	57 mm	56 mm	103 mm
G12 1CT/12							

## Photometric data





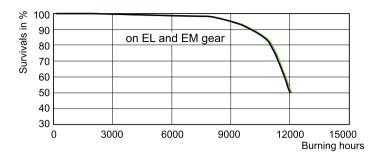


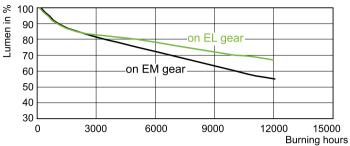
Light Distribution Diagram - MASTERC CDM-T 70W/830 G12 1CT/12

Spectral Power Distribution Colour - MASTERC CDM-T 70W/830 G12 1CT/12

# **MASTERColour CDM-T**

### Lifetime





Life Expectancy Diagram - MASTERC CDM-T 70W/830 G12 1CT/12

Lumen Maintenance Diagram - MASTERC CDM-T 70W/830 G12 1CT/12



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