



# MASTERColour CDM-T Elite



## MASTERColour CDM-T Elite 20W/830 G12.1CT/12

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
- $\cdot$  Use only with electronic control gear. 35W & 70W lamps may also use electromagnetic gear.
- $\cdot$  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					
Cap base	G12				
Operating position	UNIVERSAL [Any or Universal (U)]				
Flux measurement reference	Sphere				
Life to 50% failures (nom.)	20,000 h				
Light Technical					
Colour Code	830 [CCT of 3000K]				
Luminous Flux	1,800 lm				
Colour designation	Warm White (WW)				
Chromaticity Coordinate X (Nom)	0.434				
Chromaticity Coordinate Y (Nom)	0.398				
Correlated Colour Temperature	3000 K				
Luminous efficacy (rated) (nom.)	90 lm/W				
Colour rendering index (CRI)	84				
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Ave Longth O (Nom)	4 mm			
Arc Length O (Nom)	4 111111			
Operating and Electrical				
Power Consumption	20.1 W			
Voltage (nom.)	95 V			
Voltage (nom.)	95 V			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Lamp Finish	Clear			
Bulb shape	T19 [T 19 mm]			

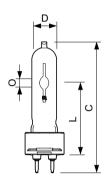
Datasheet, 2023, April 16 data subject to change

## **MASTERColour CDM-T Elite**

Approval and Application				
Energy Efficiency Class	G			
Mercury (Hg) content (max.)	3.5 mg			
Mercury (Hg) content (nom.)	3.5 mg			
Energy consumption kWh/1,000 hours 21 kWh				
EPREL registration number	473252			
Product Data				
Order product name	MASTERC CDM-T Elite 20W/830 G12 1CT/12			
Full product name	MASTERColour CDM-T Elite 20W/830			
	G12.1CT/12			

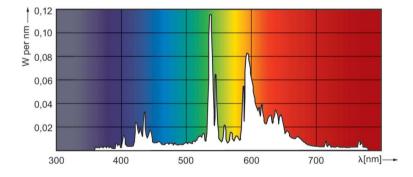
Full EOC	872790087156200			
Order code	87156200			
Material no. (12 NC)	928183305125			
Local order code	20CDMT830+			
SAP numerator – quantity per pack	1			
EAN/UPC — Product/Case	8727900871562			
Numerator – packs per outer box	12			
EAN/UPC - Case	8727900871579			

## Dimensional drawing



Product	D (max) D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 20W/830	20 mm	4 mm	55 mm	57 mm	56 mm	103 mm
G12 1CT/12						

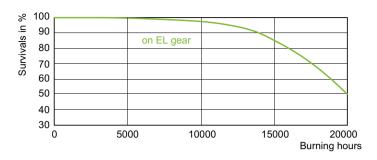
#### Photometric data

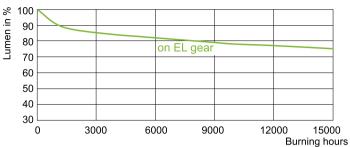


Spectral Power Distribution Colour - MASTERC CDM-T Elite 20W/830 G12 1CT/12

## **MASTERColour CDM-T Elite**

#### Lifetime





Life Expectancy Diagram - MASTERC CDM-T Elite 20W/830 G12 1CT/12

Lumen Maintenance Diagram - MASTERC CDM-T Elite 20W/830 G12 1CT/12



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