



# MASTERColour CDM-T Elite



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

Single-ended, very high-efficiency, long-life Ceramic Metal Halide discharge lamp producing crisp white sparkling light with high color rendering

#### **Warnings and Safety**

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- · Use only with electronic control gear. 35W & 70W lamps may also use electromagnetic gear.
- · 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				
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Cap-Base	G12 [G12]			
Operating Position	UNIVERSAL [Any or Universal (U)]			
Flux measurement reference	Sphere			
Life to 50% Failures (Nom)	20,000 hour(s)			
Light Technical				
Color Code	830 [CCT of 3000K]			
Luminous Flux	1,800 lumen			
Color Designation	Warm White (WW)			
Chromaticity Coordinate X (Nom)	0.434			
Chromaticity Coordinate Y (Nom)	0.398			
Correlated Color Temperature (Nom)	3000 K			
Luminous Efficacy (rated) (Nom)	90 lm/W			

Color rendering index (CRI)	84			
Operating and Electrical				
Power Consumption	20.1 W			
Voltage (Nom)	95 V			
Voltage (Nom)	95 V			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Bulb Finish	Clear			
Bulb Shape	T19 [T 19mm]			

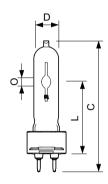
Datasheet, 2023, October 9 data subject to change

## **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/1000 h	21 kWh			
EPREL Registration Number	473252			
Product Data				
Full product code	872790087156200			
Order product name	MASTERC CDM-T Flite 20W/830 G12 1CT/12			

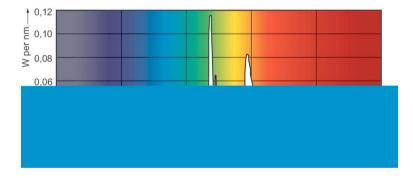
Order code	928183305125			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	12			
Material Nr. (12NC)	928183305125			
Full product name	MASTERC CDM-T Elite 20W/830 G12 1CT/12			
EAN/UPC - Case	8727900871579			
EAN/UPC - Product/Case	8727900871562			

## 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						

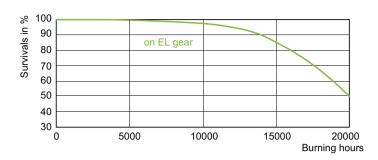
#### Photometric data

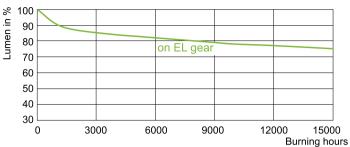


Spectral Power Distribution Colour - MASTERC CDM-T Elite 20W/830 G12 1CT/12

## **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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