# **PHILIPS** Lighting



# MASTERColour CDM-T Elite

# MASTERC 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)
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- $\boldsymbol{\cdot}$  The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- Use only with electronic control gear. 35W & 70W lamps may also use electromagnetic gear.
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- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- 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.
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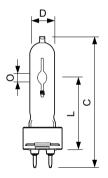
#### **Product data**

eral Information		Luminous Flux	1,800 lm
p-Base	G12	Color Designation	Warm White (WW)
perating Position	UNIVERSAL [Any or Universal (U)]	Chromaticity Coordinate X (Nom)	0.434
lux measurement reference	Sphere	Chromaticity Coordinate Y (Nom)	0.398
Life to 50% Failures (Nom)	20,000 hour(s)	Correlated Color Temperature (Nom)	3000 K
		Luminous Efficacy (rated) (Nom)	90 lm/W
ight Technical		Color rendering index (CRI)	84
Color Code	830 [CCT of 3000K]		

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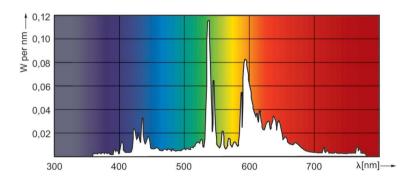
Arc Length O (Nom)	4 mm	Mercury (Hg) Content (Nom)	3.5 mg	
		Energy Consumption kWh/1000 h	21 kWh	
Operating and Electrical		EPREL Registration Number	473252	
Power Consumption	20.1 W			
Voltage (Nom)	95 V	Product Data		
Voltage (Nom)	95 V	Order product name	MASTERC CDM-T Elite 20W/830 G12 1CT/1	
		Full product name	MASTERC CDM-T Elite 20W/830 G12 1CT/12	
Controls and Dimming		Full product code	872790087156200	
Dimmable	No	Order code	928183305125	
		Material Nr. (12NC)	928183305125	
Mechanical and Housing		Numerator - Quantity Per Pack	1	
Bulb Finish	Clear	EAN/UPC - Product/Case	8727900871562	
Bulb Shape	T19	Numerator - Packs per outer box	12	
		EAN/UPC - Case	8727900871579	
Approval and Application				
Energy Efficiency Class	G			
Mercury (Hg) Content (Max)	3.5 mg			

## 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						

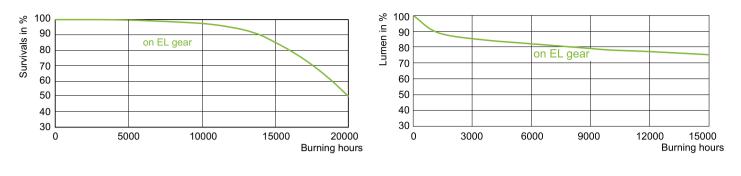
### Photometric data



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

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#### Lifetime



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

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



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