



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)
- 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		Arc Length O (Nom)		4 mm
Cap-Base	G12	Operating and Electrical		
Operating Position	UNIVERSAL [Any or Universal (U)]	Power Consumption	20.1 W	
Flux measurement reference	Sphere	Voltage (Nom)	95 V	
Life to 50% Failures (Nom)	20,000 hour(s)	Controls and Dimming		
Light Technical		Dimmable	No	
Color Code	830 [CCT of 3000K]	Mechanical and Housing		
Luminous Flux	1,800 lm	Bulb Finish	Clear	
Color Designation	Warm White (WW)	Bulb Shape	T19	
Chromaticity Coordinate X (Nom)	0.434	Net Weight (Piece)	27.000 g	
Chromaticity Coordinate Y (Nom)	0.398			
Correlated Color Temperature (Nom)	3000 K			
Luminous Efficacy (rated) (Nom)	90 lm/W			
Color rendering index (CRI)	84			

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Approval and Application

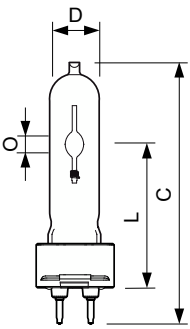
Energy Efficiency Class	G
Mercury (Hg) Content (Max)	3.5 mg
Mercury (Hg) Content (Nom)	3.5 mg
Energy Consumption kWh/1000 h	21 kWh
EPREL Registration Number	473252
CE mark	Yes

Product Data

Order product name	MASTERC CDM-T Elite 20W/830 G12 1CT/12
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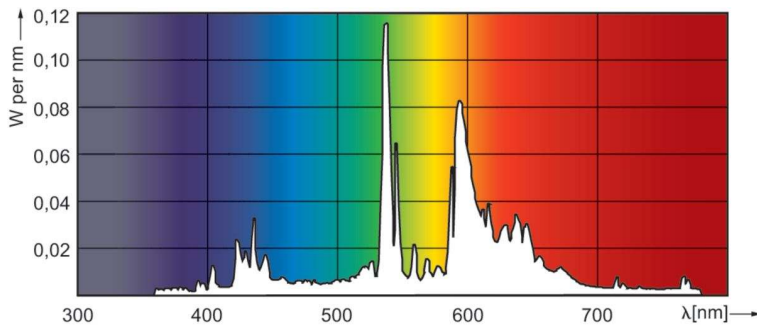
Full product name	MASTERC CDM-T Elite 20W/830 G12 1CT/12
Full product code	872790087156200
Order code	928183305125
Material Nr. (12NC)	928183305125
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8727900871562
Numerator - Packs per outer box	12
EAN/UPC - Case	8727900871579

Dimensional drawing



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

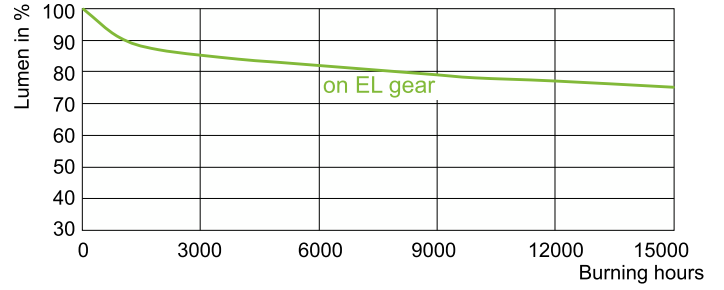
Photometric data



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

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Lifetime



LDLE_CDM-T-E_0006-Life expectancy diagram

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

