



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	
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

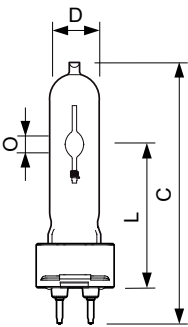
Color rendering index (CRI)	84
Operating and Electrical	
Power Consumption	20.1 W
Voltage (Nom)	95 V
Voltage (Nom)	95 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T19 [T 19mm]

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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
Product Data	
Full product code	872790087156200
Order product name	MASTERC CDM-T Elite 20W/830 G12 1CT/12

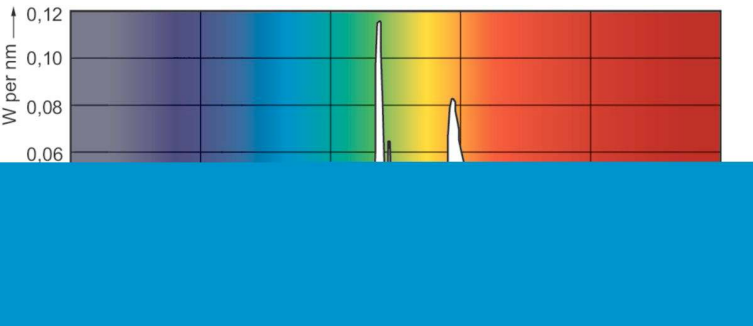
Order code	928183305125
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928183305125
Full product name	MASTERC CDM-T Elite 20W/830 G12 1CT/12
EAN/UPC - Case	8727900871579
EAN/UPC - Product/Case	8727900871562

Dimensional drawing



Product	D (max)	D 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

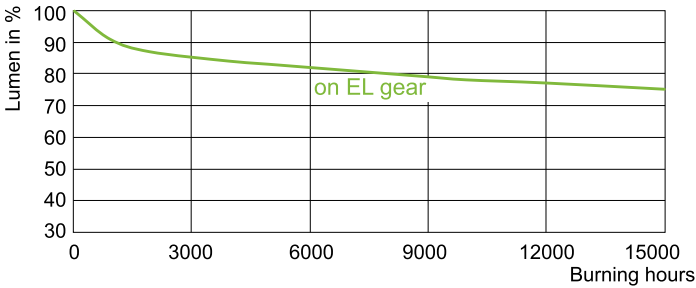
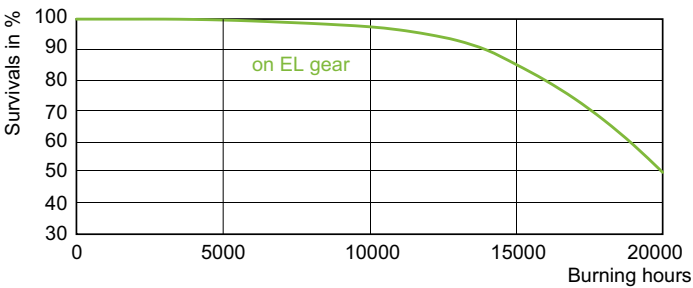
Photometric data



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

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Lifetime



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

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

