



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)
- 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
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

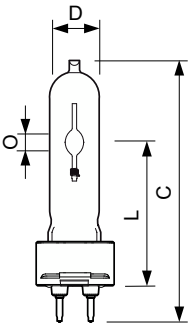
Arc Length O (Nom)	4 mm
Operating and Electrical	
Power Consumption	20.1 W
Voltage (nom.)	95 V
Voltage (nom.)	95 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	T19 [T 19 mm]

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

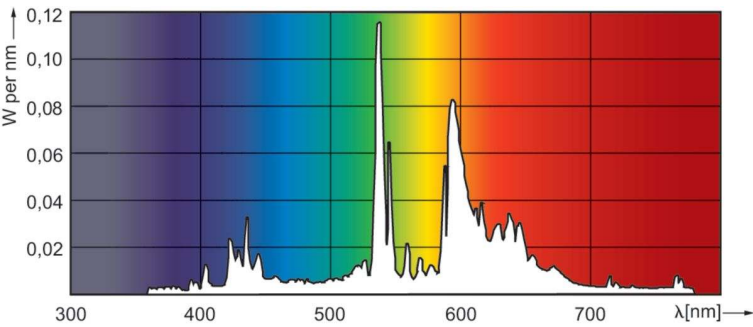
Full EOC	872790087156200
Order code	87156200
Material no. (12 NC)	928183305125
Local order code	20CDMT830+
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8727900871562
Numerator – packs per outer box	12
EAN/UPC – Case	8727900871579

Dimensional drawing



Product	D (max)	D 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

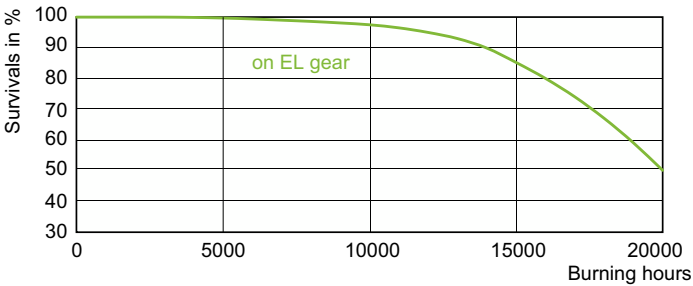
Photometric data



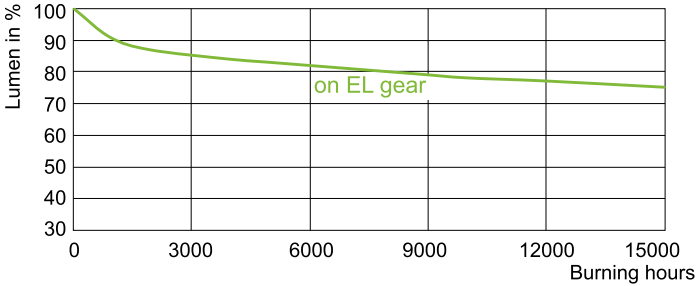
Spectral Power Distribution Colour – MASTERC CDM-T Elite 20W/830 G12 1CT/12

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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

