



MASTERColour CDM-TC Elite



MASTERColour CDM-TC Elite 20W/830 G8.5 1CT/12

Single-ended, compact size, 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
- 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		Luminous efficacy (rated) (nom.)	87 lm/W
Cap base	G8.5	Colour rendering index (CRI)	85
Operating position	UNIVERSAL [Any or Universal (U)]	Arc Length O (Nom)	4 mm
Flux measurement reference	Sphere	Operating and Electrical	
Life to 50% failures (nom.)	20,000 h	Power Consumption	20.1 W
Light Technical		Voltage (nom.)	95 V
Colour Code	830 [CCT of 3000K]	Voltage (nom.)	95 V
Luminous Flux	1,750 lm	Controls and Dimming	
Colour designation	Warm White (WW)	Dimmable	No
Chromaticity Coordinate X (Nom)	0.434		
Chromaticity Coordinate Y (Nom)	0.398		
Correlated Colour Temperature	3000 K		

MASTERC colour CDM-TC Elite

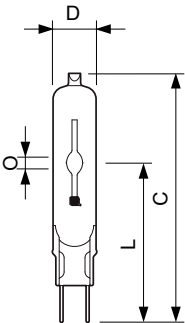
Mechanical and Housing	
Lamp Finish	Clear
Bulb material	UV-Block Quartz
Bulb shape	T14 [T 14 mm]

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	473254

Product Data	
Order product name	MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12

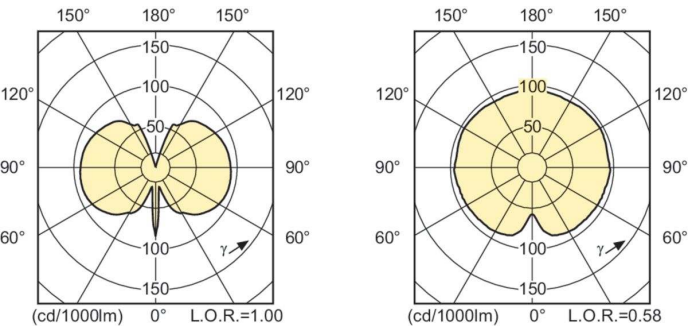
Full product name	MASTERC colour CDM-TC Elite 20W/830 G8.5 1CT/12
Full EOC	872790087158600
Order code	87158600
Material no. (12 NC)	928183405125
Local order code	20CDMTC830+
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8727900871586
Numerator – packs per outer box	12
EAN/UPC – Case	8727900871593

Dimensional drawing

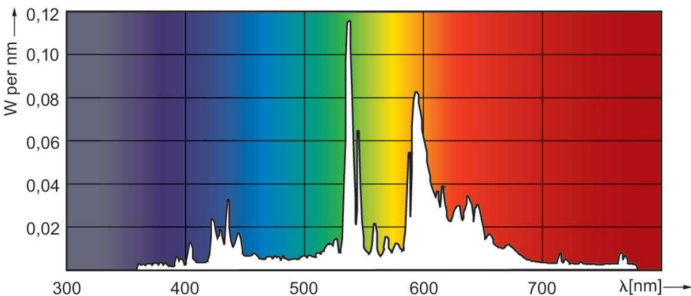


Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12	15 mm	0.55 in	4 mm	51 mm	53 mm	52 mm	85 mm

Photometric data



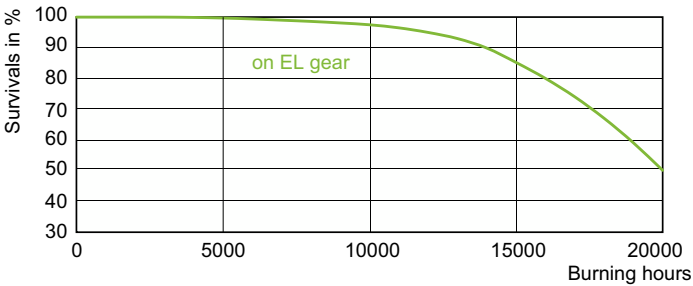
Light Distribution Diagram - MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12



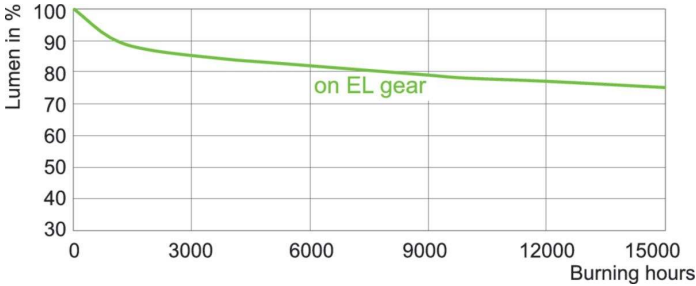
Spectral Power Distribution Colour - MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12

MASTERC colour CDM-TC Elite

Lifetime



Life Expectancy Diagram - MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12



Lumen Maintenance Diagram - MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12

