![PHILIPS Lighting logo]

MASTERColour CDM-TC Elite

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

Compact, single-ended, very high-efficiency, long-life ceramic metal-halide discharge lamp producing crisp white sparkling light with high color rendering

G | A↑G

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

Cap-Base	G8.5 [G8.5]
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	1,750 lm
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)	87 lm/W

Color rendering index (CRI)	85
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

Bulb Finish	Clear
Bulb Material	UV-Block Quartz

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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/1000 h	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 CDM-TC Elite 20W/830 G8.5 1CT/12
Full product code	872790087158600
Order code	928183405125
Material Nr. (12NC)	928183405125
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8727900871586
Numerator – Packs per outer box	12
EAN/UPC – Case	8727900871593

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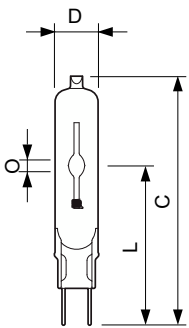
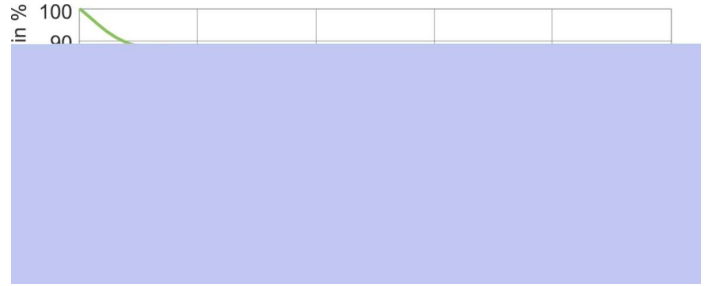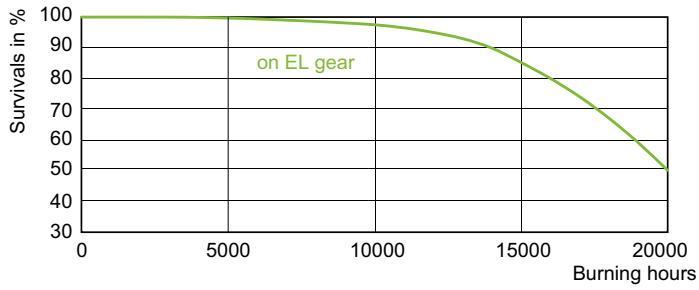| Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12	15 mm	0.55 inch	4 mm	51 mm	53 mm	52 mm	85 mm

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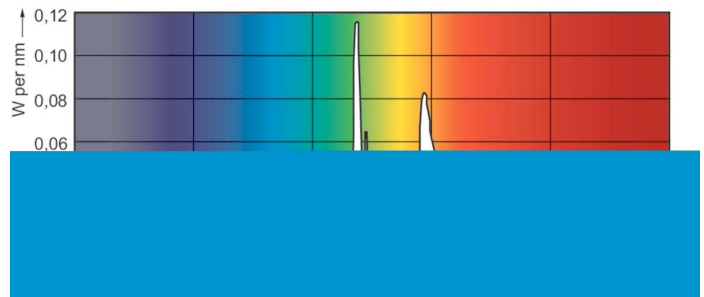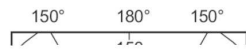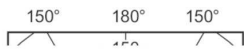
Light Distribution Diagram – MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12

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

Lifetime

Survivals in %

on EL gear

Burning hours

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