



# MASTERColour CDM-TC



## MASTERColour CDM-TC 70W/830 G8.5 1CT/12

Range of single-ended, very compact, high-efficiency, discharge lamps with a stable colour over lifetime and a crisp, sparkling light

### 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
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 35W/830 lamps may also use electromagnetic gear.
- 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

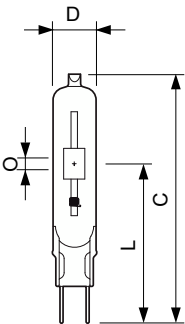
General Information		Colour rendering index (CRI)	
Cap base	G8.5		83
Operating position	UNIVERSAL [Any or Universal (U)]	Arc Length O (Nom)	7 mm
Flux measurement reference	Sphere	Operating and Electrical	
Life to 50% failures (nom.)	12,000 h	Power Consumption	73.2 W
Light Technical		Voltage (nom.)	83 V
Colour Code	830 [CCT of 3000K]	Voltage (nom.)	83 V
Luminous Flux	6,300 lm	Controls and Dimming	
Colour designation	Warm White (WW)	Dimmable	No
Chromaticity Coordinate X (Nom)	0.434	Mechanical and Housing	
Chromaticity Coordinate Y (Nom)	0.398	Lamp Finish	Clear
Correlated Colour Temperature	3000 K	Bulb material	UV-Block Quartz
Luminous efficacy (rated) (nom.)	86 lm/W		

MASTERColour CDM-TC

Bulb shape	T14
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) content (max.)	4.6 mg
Mercury (Hg) content (nom.)	4.6 mg
Energy consumption kWh/1,000 hours	74 kWh
EPREL registration number	473344
Product Data	
Order product name	MASTERC CDM-TC 70W/830 G8.5 1CT/12

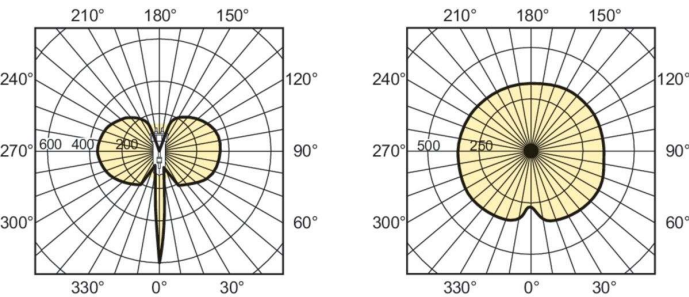
Full product name	MASTERColour CDM-TC 70W/830 G8.5 1CT/12
Full EOC	871150020167615
Order code	20167615
Material no. (12 NC)	928086505131
Local order code	70CDMTC830
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8711500201676
Numerator – packs per outer box	12
EAN/UPC – Case	8711500201683

Dimensional drawing

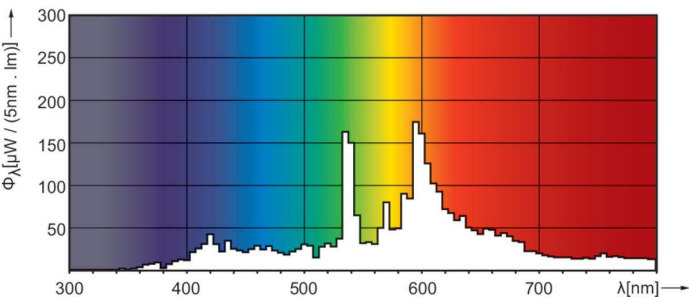


Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC 70W/830 G8.5 1CT/12	15 mm	0.5 in	7 mm	51 mm	53 mm	52 mm	85 mm

Photometric data



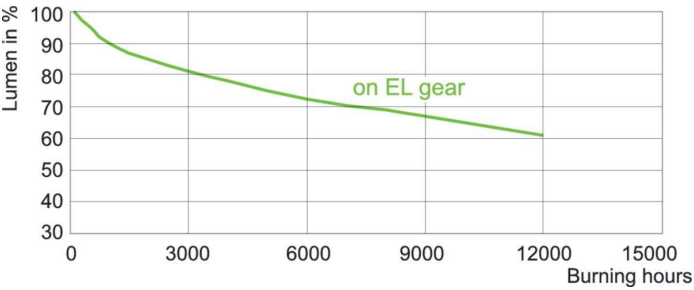
Light Distribution Diagram - MASTERC CDM-TC 70W/830 G8.5 1CT/12



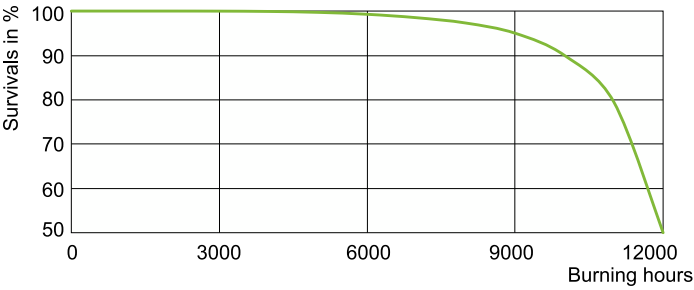
Spectral Power Distribution Colour - MASTERC CDM-TC 70W/830 G8.5 1CT/12

MASTERC colour CDM-TC

Lifetime



Lumen Maintenance Diagram - MASTERC CDM-TC 70W/830 G8.5 1CT/12



Life Expectancy Diagram - MASTERC CDM-TC 70W/830 G8.5 1CT/12

