



MASTERColour CDM-TC



MASTERC 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	
Cap base	G8.5
Operating position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% failures (nom.)	12,000 h
Light Technical	
Colour Code	830 [CCT of 3000K]
Luminous Flux	6,300 lm
Colour designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	86 lm/W

Colour rendering index (CRI)	83
Arc Length O (Nom)	7 mm
Operating and Electrical	
Power Consumption	73.2 W
Voltage (nom.)	83 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb material	UV-Block Quartz
Bulb shape	T14

MASTERC colour CDM-TC

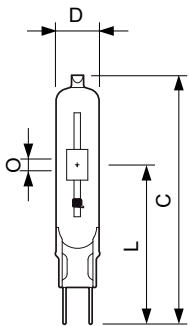
Net Weight (Piece)	0.010 kg
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) content (max.)	4.6 mg
Mercury (Hg) content (nom.)	4.6 mg
Energy consumption kWh/1,000 hours	74 kWh
EPREL Registration Number	473344
CE mark	Yes

Product Data

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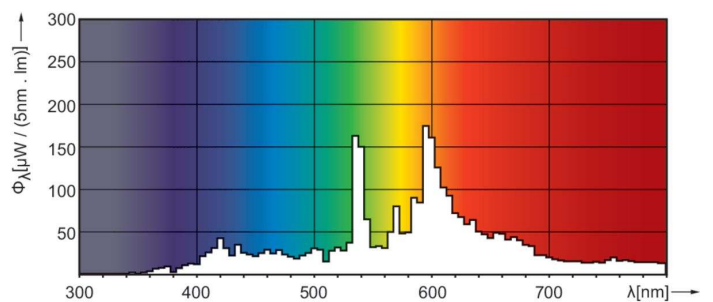
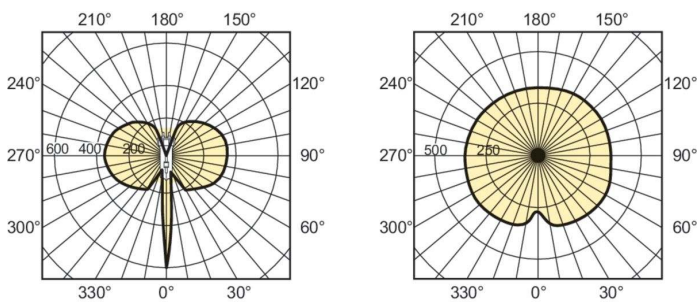
Full product name	MASTERC CDM-TC 70W/830 G8.5 1CT/12
Full EOC	871150020167615
Order code	928086505131
Material no. (12 NC)	928086505131
Local order code	70CDMTC830
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8711500201676
Numerator – packs per outer box	12
EAN/UPC – Case	8711500201683

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

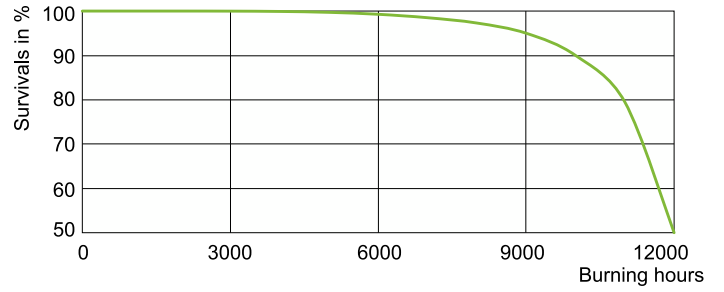
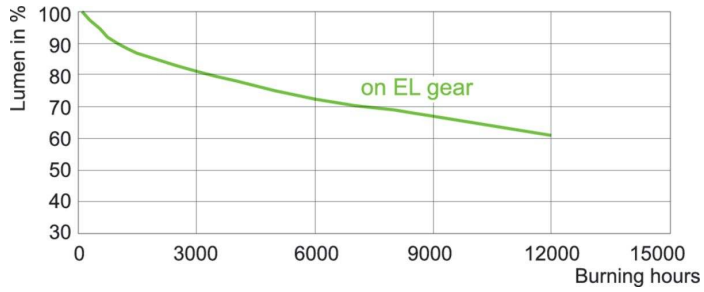


Light Distribution Diagram - MASTERC CDM-TC 70W/830 G8.5 1CT/12

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

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Lifetime



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

LDLE_CDM-TC_0001-Life expectancy diagram

