

MASTERColour CDM-TC

MASTERC CDM-TC 35W/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)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- Use only with electronic control gear. 35W/830 lamps may also use electromagnetic gear.
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- 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.
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Product data

General Information	
Cap-Base	G8.5
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 50% Failures (Nom)	12,000 hour(s)

Light Technical	
Color Code	830 [CCT of 3000K]

Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.432
Chromaticity Coordinate Y (Nom)	0.394
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	79 lm/W
Color rendering index (CRI)	81

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Arc Length O (Nom)	5 mm

Operating and Electrical	
Power Consumption	39.1 W
Voltage (Nom)	88 V
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Controls and Dimming	
Dimmable	No

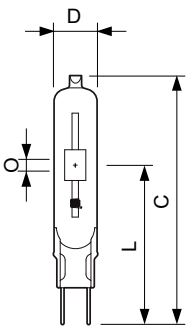
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	UV-Block Quartz
Bulb Shape	T14

Approval and Application	
Mercury (Hg) Content (Nom)	3.1 mg

Energy Consumption kWh/1000 h	43 kWh

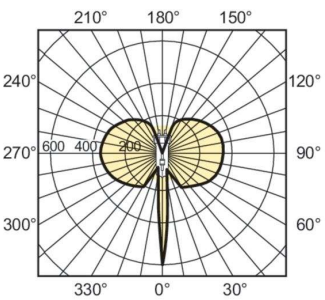
Product Data	
Order product name	MASTERC CDM-TC 35W/830 G8.5 1CT/12
Full product name	MASTERC CDM-TC 35W/830 G8.5 1CT/12
Full product code	871869648459300
Order code	928085205129
Material Nr. (12NC)	928085205129
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696484593
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696484609

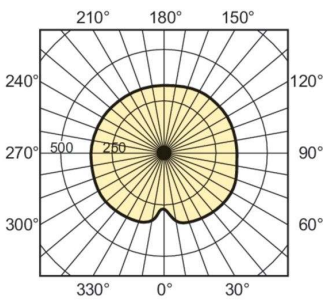
Dimensional drawing



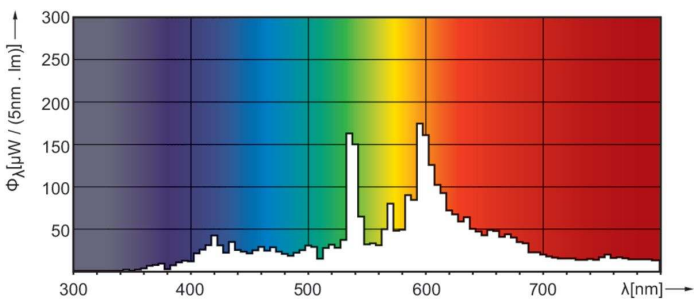
Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC 35W/830 G8.5 1CT/12	15 mm	0.5 inch	5 mm	51 mm	53 mm	52 mm	85 mm

Photometric data





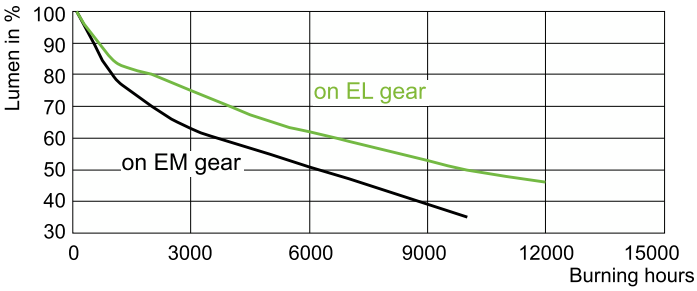
Light Distribution Diagram - MASTERC CDM-TC 35W/830 G8.5 1CT/12

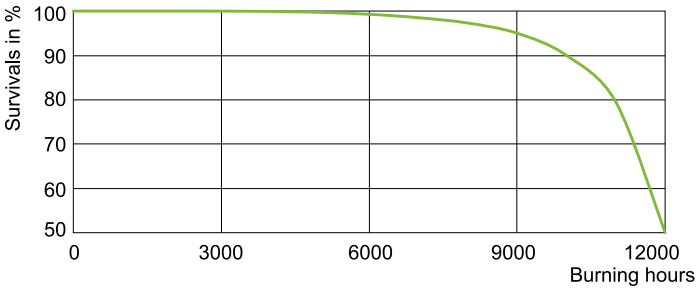


Spectral Power Distribution Colour - MASTERC CDM-TC 35W/830 G8.5 1CT/12

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Lifetime





Lumen Maintenance Diagram - MASTERC CDM-TC 35W/830 G8.5 1CT/12

Life Expectancy Diagram - MASTERC CDM-TC 35W/830 G8.5 1CT/12

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