



# 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)
- · 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
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- ${\boldsymbol \cdot} \ {\sf Control\ gear\ must\ include\ end-of-life\ protection\ (IEC61167,\ IEC\ 62035)}$
- · 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.
- · 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.
- 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)]
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			

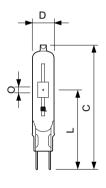
Datasheet, 2023, April 14 data subject to change

# **MASTERColour CDM-TC**

Arc Length O (Nom)	5 mm				
Operating and Electrical					
Power Consumption	39.1 W				
Voltage (Nom)	88 V				
Voltage (Nom)	88 V				
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				

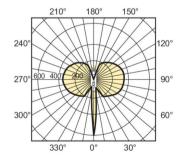
Energy Consumption kWh/1000 h	43 kWh				
Product Data					
Order product name	MASTERC CDM-TC 35W/830 G8.5 1CT/12				
Full product name	MASTERC CDM-TC 35W/830 G8.5 1CT/12				
Full product code	871869648459300				
Order code	928085205129				
Material Nr. (12NC)	928085205129				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718696484593				
Numerator - Packs per outer box	12				
EAN/UPC - Case	8718696484609				

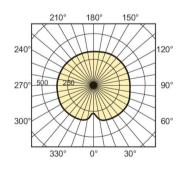
## Dimensional drawing

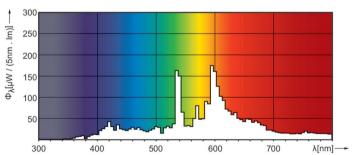


Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC	15 mm	0.5 inch	5 mm	51 mm	53 mm	52 mm	85 mm
35W/830 G8.5 1CT/12							

## Photometric data





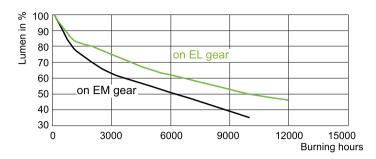


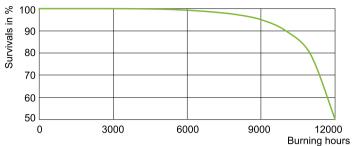
Light Distribution Diagram - MASTERC CDM-TC 35W/830 G8.5 1CT/12

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

# **MASTERColour CDM-TC**

### 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



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.