



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 color over lifetime and a crisp, sparkling light

Warnings and Safety

- · Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- $\boldsymbol{\cdot}$ 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 hour(s)				
Light Technical					
Color Code	830 [CCT of 3000K]				
Luminous Flux	3,100 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)	79 lm/W				

Color rendering index (CRI)	81		
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		

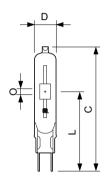
Datasheet, 2024, March 21 data subject to change

MASTERColour CDM-TC

Bulb Shape	T14
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) Content (Max)	3.1 mg
Mercury (Hg) Content (Nom)	3.1 mg
Energy Consumption kWh/1000 h	40 kWh
EPREL Registration Number	473341
Product Data	
Order product name	MASTERC CDM-TC 35W/830 G8.5 1CT/12

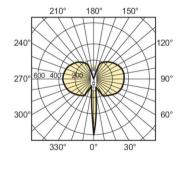
Full product name	MASTERC CDM-TC 35W/830 G8.5 1CT/12 871150020000615				
Full product code					
Order code	928085205125				
Material Nr. (12NC)	928085205125				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8711500200006				
Numerator - Packs per outer box	12				
EAN/UPC - Case	8711500200013				

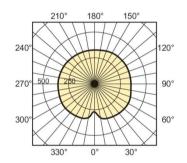
Dimensional drawing



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





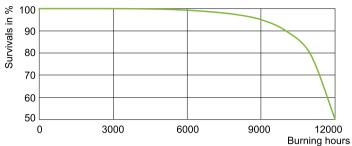
Light Distribution Diagram - MASTERC CDM-TC 35W/830 G8.5 1CT/12

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

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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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