# **PHILIPS** Lighting



# MASTERColour CDM-TC

# MASTERColour CDM-TC 35W/842 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)
- $\cdot$  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**

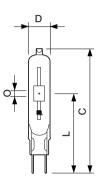
General Information		Arc Length O (Nom)	5 mm
Cap-Base	G8.5		
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
ife to 50% Failures (Nom)	12,000 hour(s)	Power Consumption	39.1 W
		Voltage (Nom)	85 V
Light Technical		Voltage (Nom)	85 V
Color Code	842 [CCT of 4200K]		
Color Designation	Cool White (CW)	Controls and Dimming	
Chromaticity Coordinate X (Nom)	0.374	Dimmable	No
Chromaticity Coordinate Y (Nom)	0.369		
Correlated Color Temperature (Nom)	4200 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	79 lm/W	Bulb Finish	Clear
Color rendering index (CRI)	85	Bulb Material	UV-Block Quartz

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Bulb Shape	T14				
Approval and Application					
Mercury (Hg) Content (Nom)	2.7 mg				
Energy Consumption kWh/1000 h	43 kWh				
Product Data					
Order product name	MASTERC CDM-TC 35W/842 G8.5 1CT/12				
Full product name	MASTERColour CDM-TC 35W/842 G8.5 1CT/12				
	,				

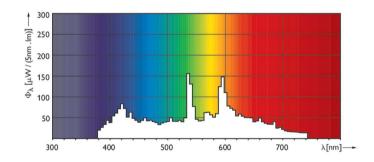
Full product code	871869648461600			
Order code	48461600			
Material Nr. (12NC)	928093805129			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696484616			
Numerator - Packs per outer box	12			
EAN/UPC - Case	8718696484623			

#### 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/842 G8.5 1CT/12							

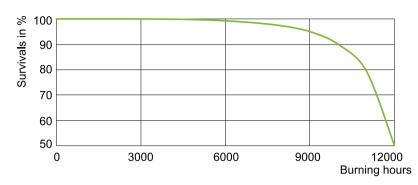
#### Photometric data



Spectral Power Distribution Colour - MASTERC CDM-TC 35W/842 G8.5 1CT/12

### MASTERColour CDM-TC

Lifetime



Life Expectancy Diagram - MASTERC CDM-TC 35W/842 G8.5 1CT/12



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www.lighting.philips.com 2023, May 15 - data subject to change