



# MASTERC CDM-T 35W/842 G12 1CT/12

Range of single-ended, 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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- $\cdot$  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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- Lamps may use electronic or electromagnetic control gear, except 35W/942 and 20W lamps, which must use electronic control 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		Light Technical	
Cap-Base	G12 [G12]	Color Code	842 [CCT of 4200K]
Operating Position	UNIVERSAL [Any or Universal (U)]	Color Designation	Cool White (CW)
Life to 50% Failures (Nom)	12,000 hour(s)	Chromaticity Coordinate X (Nom)	0.370
		Chromaticity Coordinate Y (Nom)	0.367

Correlated Color Temperature (Nom)	4200 K	Approval and Application
Luminous Efficacy (rated) (Nom)	77 lm/W	Mercury (Hg) Content (Nom)
Color rendering index (CRI)	84	Energy Consumption kWh/1000 h
Arc Length O (Nom)	5 mm	
		Product Data
Operating and Electrical		Order product name
Power Consumption	39.1 W	Full product name
Voltage (Nom)	85 V	Full product code
Voltage (Nom)	85 V	Order code
		Material Nr. (12NC)
Controls and Dimming		Numerator - Quantity Per Pack
Dimmable	No	EAN/UPC - Product/Case
	i	Numerator - Packs per outer box
Mechanical and Housing		EAN/UPC - Case
Bulb Finish	Clear	
Bulb Shape	T19 [T 19mm]	

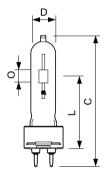
Approval and Application		
Mercury (Hg) Content (Nom)	2.7 mg	
Energy Consumption kWh/1000 h	43 kWh	
Product Data		
Order product name	MASTERC CDM-T 35W/842 G12 1CT/12	
Full product name	MASTERC CDM-T 35W/842 G12 1CT/12	
Full product code	871869648445600	
Order code	928094305129	
Material Nr. (12NC)	928094305129	
Numerator - Quantity Per Pack	1	

12

8718696484456

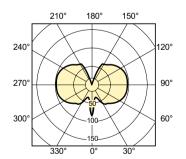
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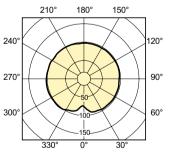
# **Dimensional drawing**



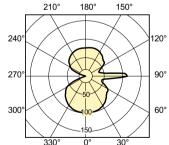
# Product D (max) D L (min) L (max) L (max) MASTERC CDM-T 20 mm 0.75 inch 5 mm 57 mm 56 mm 103 mm 35W/842 G12 1CT/12 <t

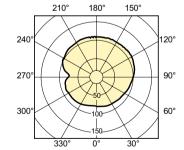
# Photometric data





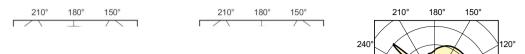






Light Distribution Diagram - MASTERC CDM-T 35W/842 G12 1CT/12

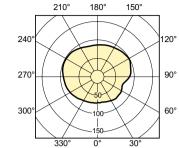
## Photometric data



270

300

330



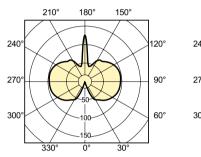
#### Light Distribution Diagram - MASTERC CDM-T 35W/842 G12 1CT/12

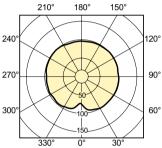
#### Light Distribution Diagram - MASTERC CDM-T 35W/842 G12 1CT/12

30

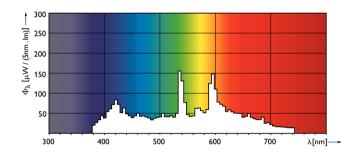
90°

60°



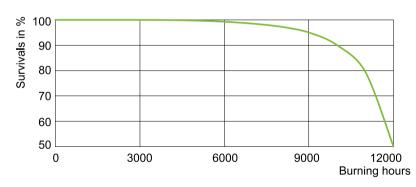


Light Distribution Diagram - MASTERC CDM-T 35W/842 G12 1CT/12



Spectral Power Distribution Colour - MASTERC CDM-T 35W/842 G12 1CT/12

#### Lifetime



Life Expectancy Diagram - MASTERC CDM-T 35W/842 G12 1CT/12



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