PHILIPS Lighting



MASTERColour CDM-T

MASTERColour CDM-T 35W/842 G12 1CT/12

Range of single-ended, 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)
- Lamps may use electronic or electromagnetic control gear, except 35W/942 and 20W lamps, which must use electronic control 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

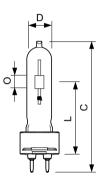
General Information		Arc Length O (Nom)	5 mm
Cap-Base	G12		
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
Life to 50% Failures (Nom)	12,000 hour(s)	Power Consumption	39.1 W
		Voltage (Nom)	85 V
Light Technical		Voltage (Nom)	85 V
Color Code	842 [CCT of 4200K]		
Color Designation	Cool White (CW)	Controls and Dimming	
Chromaticity Coordinate X (Nom)	0.370	Dimmable	No
Chromaticity Coordinate Y (Nom)	0.367		
Correlated Color Temperature (Nom)	4200 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	77 lm/W	Bulb Finish	Clear
Color rendering index (CRI)	84		

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Bulb Shape	T19		
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	MASTERColour CDM-T 35W/842 G12 1CT/12		

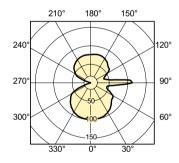
Full product code	871869648445600
Order code	48445600
Material Nr. (12NC)	928094305129
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696484456
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696484463

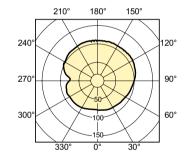
Dimensional drawing



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

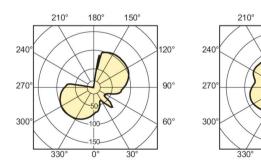
180°

150°

120°

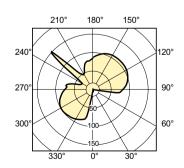
90°

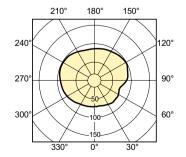
60°





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

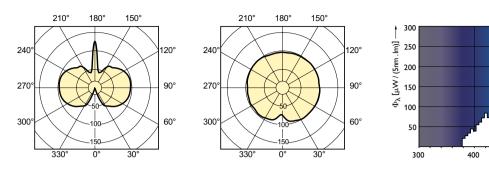




Light Distribution Diagram - MASTERC CDM-T 35W/842 G12 1CT/12

MASTERColour CDM-T

Photometric data



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

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

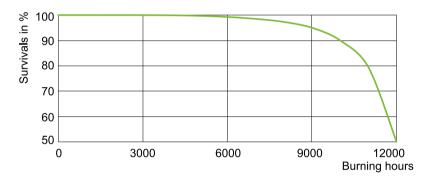
600

700

λ[nm]-

500

Lifetime



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



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