



MASTERColour CDM-T

MASTERC 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 [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 [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		
EAN/UPC - Product/Case	8718696484456		
Numerator - Packs per outer box	12		
EAN/UPC - Case	8718696484463		

Dimensional drawing



Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T	20 mm	0.75 inch	5 mm	55 mm	57 mm	56 mm	103 mm
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Photometric data





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

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210° 180° 150°





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Datasheet, 2023, April 14

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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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