PHILIPS Lighting



MASTERColour CDM-T Elite

MASTERC CDM-T Elite 35W/942 G12 1CT

Single-ended, very high-efficiency, long-life Ceramic Metal Halide discharge lamp producing crisp white sparkling light with high color rendering

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear. 35W & 70W lamps may also use electromagnetic gear.
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- 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)	5.2 mm		
Cap-Base	G12 [G12]				
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical			
Life to 50% Failures (Nom)	15,000 hour(s)	Power Consumption	39.1 W		
		Voltage (Nom)	90 V		
Light Technical		Voltage (Nom)	90 V		
Color Code	942 [CCT of 4200K]				
Color Designation	Cool White (CW)	Controls and Dimming			
Chromaticity Coordinate X (Nom)	0.366	Dimmable	No		
Chromaticity Coordinate Y (Nom)	0.364				
Correlated Color Temperature (Nom)	4200 K	Mechanical and Housing			
Luminous Efficacy (rated) (Nom)	98 lm/W	Bulb Finish	Clear		
Color rendering index (CRI)	90	Bulb Shape	T19 [T 19mm]		

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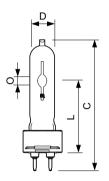
Approval and Application					
Mercury (Hg) Content (Nom)	4.9 mg				
Energy Consumption kWh/1000 h	43 kWh				
Product Data					
Order product name	MASTERC CDM-T Elite 35W/942 G12 1CT				
Full product name	MASTERC CDM-T Elite 35W/942 G12 1CT				

871869648453100

Order code	928193605129		
Material Nr. (12NC)	928193605129		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718696484531		
Numerator - Packs per outer box	12		
EAN/UPC - Case	8718696484548		

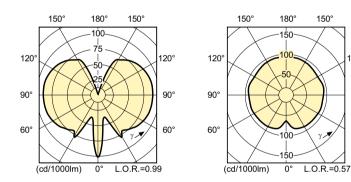
Dimensional drawing

Full product code

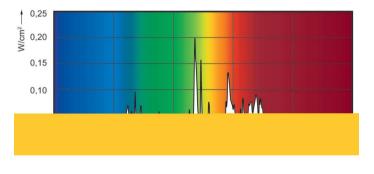


Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 35W/942	20 mm	5.2 mm	55 mm	57 mm	56 mm	103 mm
G12 1CT						

Photometric data



Light Distribution Diagram - MASTERC CDM-T Elite 35W/942 G12 1CT



Spectral Power Distribution Colour - MASTERC CDM-T Elite 35W/942 G12 1CT

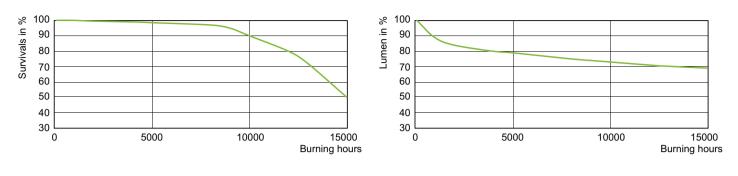
120°

90°

60°

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Lifetime



Life Expectancy Diagram - MASTERC CDM-T Elite 35W/942 G12 1CT

Lumen Maintenance Diagram - MASTERC CDM-T Elite 35W/942 G12 1CT



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