PHILIPS Lighting



MASTERColour CDM-T Elite

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

Single-ended, high-efficiency Ceramic Metal Halide discharge lamp

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
- 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

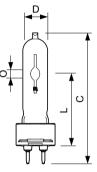
General Information		Arc Length O (Nom)	5.2 mm
Cap-Base	G12		
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
Flux measurement reference	Sphere	Power Consumption	39.1 W
Life to 50% Failures (Nom)	15,000 hour(s)	Voltage (Nom)	90 V
		Voltage (Nom)	90 V
Light Technical			
Color Code	942 [CCT of 4200K]	Controls and Dimming	
Luminous Flux	3,850 lm	Dimmable	No
Color Designation	Cool White (CW)		
Chromaticity Coordinate X (Nom)	0.371	Mechanical and Housing	
Chromaticity Coordinate Y (Nom)	0.366	Bulb Finish	Clear
Correlated Color Temperature (Nom)	4200 K	Bulb Shape	T19
Luminous Efficacy (rated) (Nom)	98 lm/W		
Color rendering index (CRI)	90		

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Approval and Application			
Energy Efficiency Class	F		
Mercury (Hg) Content (Max)	4.9 mg		
Mercury (Hg) Content (Nom)	4.9 mg		
Energy Consumption kWh/1000 h	40 kWh		
EPREL Registration Number	473272		
Product Data			
Order product name	MASTERC CDM-T Elite 35W/942 G12 1CT		
Full product name	MASTERC CDM-T Elite 35W/942 G12 1CT		

Full product code	871829116364000
Order code	928193605131
Material Nr. (12NC)	928193605131
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291163640
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291163657

Dimensional drawing



MASTERC CDM-T Elite 35W/942 20 mm 5.2 mm 55 mm 57 mm 56 mm 103 mm G12 1CT

D (max) O

L(min) L(max) L

C (max)

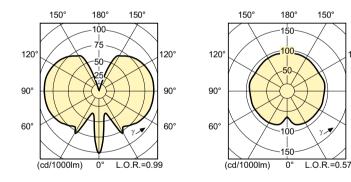
Product

120°

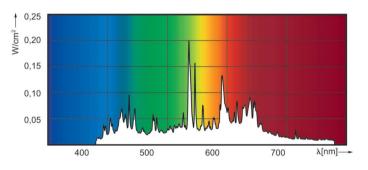
90°

60°

Photometric data



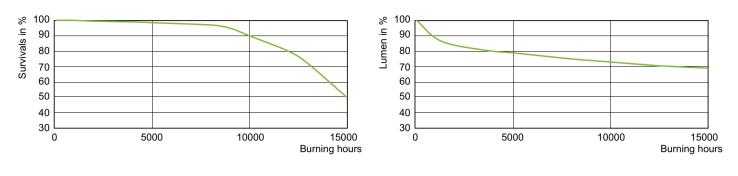
Light Distribution Diagram - MASTERC CDM-T Elite 35W/942 G12 1CT



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

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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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