PHILIPS Lighting



MASTERColour CDM-TC Elite

MASTERColour CDM-TC Elite 50W/942 G8.5 1CT

Compact, 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)
- \cdot The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control 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		Color rendering index (CRI)	90		
Cap-Base	G8.5 [G8.5]	Arc Length O (Nom)	7.1 mm		
Operating Position	UNIVERSAL [Any or Universal (U)]				
Flux measurement reference	Sphere	Operating and Electrical	Operating and Electrical		
Life to 50% Failures (Nom)	15,000 hour(s)	Power Consumption	50.2 W		
		Voltage (Nom)	93 V		
Light Technical		Voltage (Nom)	93 V		
Color Code	942 [CCT of 4200K]				
Luminous Flux	5,050 lm	Controls and Dimming			
Color Designation	Cool White (CW)	Dimmable	No		
Chromaticity Coordinate X (Nom)	0.371				
Chromaticity Coordinate Y (Nom)	0.366	Mechanical and Housing			
Correlated Color Temperature (Nom)	4200 K	Bulb Finish	Clear		
Luminous Efficacy (rated) (Nom)	101 lm/W				

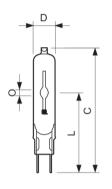
MASTERColour CDM-TC Elite

Bulb Shape	T14 [T 14 mm]			
Approval and Application				
Energy Efficiency Class	F			
Mercury (Hg) Content (Max)	5.7 mg			
Mercury (Hg) Content (Nom)	5.7 mg			
Energy Consumption kWh/1000 h	51 kWh			
EPREL Registration Number	473323			
Product Data				

Full product name	MASTERColour CDM-TC Elite 50W/942 G8.5 1CT			
Full product code	871829120163200			
Order code	20163200			
Material Nr. (12NC)	928080115131			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718291201632			
Numerator - Packs per outer box	12			
EAN/UPC - Case	8718291201649			

Order product name	MASTERC CDM-TC Elite 50W/942 G8.5 1CT
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Dimensional drawing



Photometric data

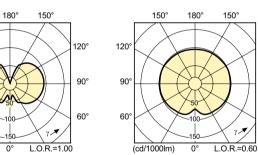
150°

(cd/1000lm)

120°

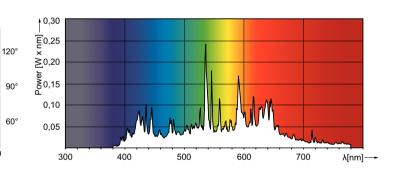
90°

60°



Light Distribution Diagram - MASTERC CDM-TC Elite 50W/942 G8.5 1CT

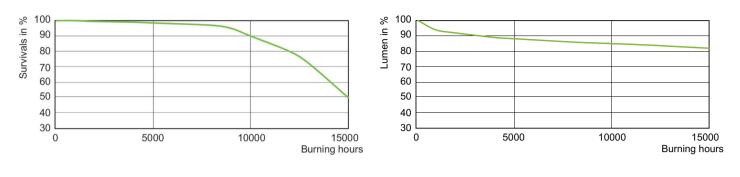
Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite 50W/942	15 mm	7.1 mm	51 mm	53 mm	52 mm	85 mm
G8.5 1CT						





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Lifetime



Life Expectancy Diagram - MASTERC CDM-TC Elite 50W/942 G8.5 1CT

Lumen Maintenance Diagram - MASTERC CDM-TC Elite 50W/942 G8.5 1CT



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