PHILIPS Lighting



MASTERColour CDM-TC Elite

MASTERColour CDM-TC Elite 70W/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		Arc Length O (Nom)	7.75 mm	
Cap-Base	G8.5			
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical		
Life to 50% Failures (Nom)	15,000 hour(s)	Power Consumption	73.2 W	
		Voltage (Nom)	88 V	
Light Technical		Voltage (Nom)	88 V	
Color Code	942 [CCT of 4200K]			
Color Designation	Cool White (CW)	Controls and Dimming		
Chromaticity Coordinate X (Nom)	0.365	Dimmable	No	
Chromaticity Coordinate Y (Nom)	0.363			
Correlated Color Temperature (Nom)	4200 K	Mechanical and Housing		
Luminous Efficacy (rated) (Nom)	102 lm/W	Bulb Finish	Clear	
Color rendering index (CRI)	92	Bulb Shape	T14	

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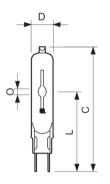
Approval and Application		
Mercury (Hg) Content (Nom)	6.6 mg	
Energy Consumption kWh/1000 h	80 kWh	
Product Data		
Order product name	MASTERC CDM-TC Elite 70W/942 G8.5 1CT	
Full product name	MASTERColour CDM-TC Elite 70W/942 G8.5 1CT	

871869648473900

Order code	48473900
Material Nr. (12NC)	928193905129
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696484739
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696484746

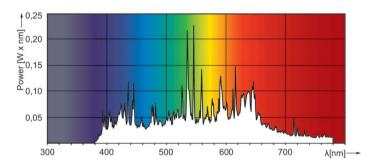
Dimensional drawing

Full product code

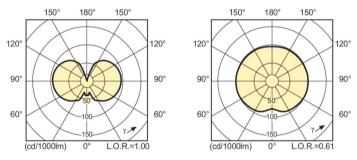


Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite	15 mm	7.75 mm	51 mm	53 mm	52 mm	85 mm
70W/942 G8.5 1CT						

Photometric data



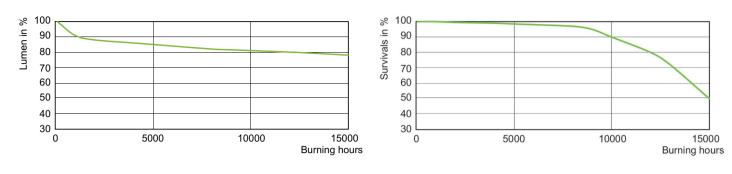
Spectral Power Distribution Colour - MASTERC CDM-TC Elite 70W/942 G8.5 1CT



Light Distribution Diagram - MASTERC CDM-TC Elite 70W/942 G8.5 1CT

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Lifetime



Lumen Maintenance Diagram - MASTERC CDM-TC Elite 70W/942 G8.5 1CT

Life Expectancy Diagram - MASTERC CDM-TC Elite 70W/942 G8.5 1CT



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