



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)
- $\boldsymbol{\cdot}$ 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				
Cap-Base	G8.5			
Operating Position	UNIVERSAL [Any or Universal (U)]			
Flux measurement reference	Sphere			
Life to 50% Failures (Nom)	15,000 hour(s)			
Light Technical				
Color Code	942 [CCT of 4200K]			
Luminous Flux	7,450 lm			
Color Designation	Cool White (CW)			
Chromaticity Coordinate X (Nom)	0.371			
Chromaticity Coordinate Y (Nom)	0.366			
Correlated Color Temperature (Nom)	4200 K			
Luminous Efficacy (rated) (Nom)	102 lm/W			

Color rendering index (CRI)	92
Arc Length O (Nom)	7.75 mm
Operating and Electrical	
Power Consumption	73.2 W
Voltage (Nom)	88 V
Voltage (Nom)	88 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

Datasheet, 2023, May 15 data subject to change

MASTERColour CDM-TC Elite

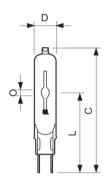
Bulb Shape	T14
Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	6.6 mg
Mercury (Hg) Content (Nom)	6.6 mg
Energy Consumption kWh/1000 h	74 kWh
EPREL Registration Number	473275
Product Data	

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

Full product name	MASTERColour CDM-TC Elite 70W/942 G8.5 1C				
Full product code	871829116368800				
Order code	16368800				
Material Nr. (12NC)	928193905131				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718291163688				
Numerator - Packs per outer box	12				
EAN/UPC - Case	8718291163695				

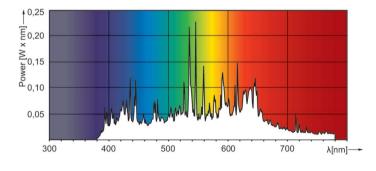
Dimensional drawing

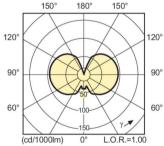
Order product name

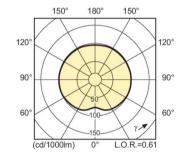


Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite	15 mm	7.75 mm	51 mm	53 mm	52 mm	85 mm
70W/942 G8.5 1CT						

Photometric data





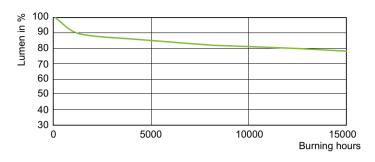


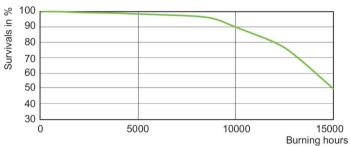
Spectral Power Distribution Colour - MASTERC CDM-TC Elite 70W/942 G8.5 1CT

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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