



MASTERColour CDM-TC Elite

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

Single-ended, compact size, 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
- \cdot 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 [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	5,050 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)	101 lm/W				
Color rendering index (CRI)	90				

Arc Length O (Nom)	7.1 mm			
Operating and Electrical				
Power Consumption	50.2 W			
Voltage (Nom)	93 V			
Voltage (Nom)	93 V			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Bulb Finish	Clear			
Bulb Shape	T14 [T 14 mm]			

Datasheet, 2023, May 15 data subject to change

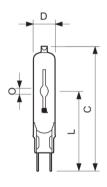
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Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	5.7 mg
Mercury (Hg) Content (Nom)	5.7 mg
Energy Consumption kWh/1000 h	51 kWh
EPREL Registration Number	473323

Full product code	871829120163200			
Order code	928080115131			
Material Nr. (12NC)	928080115131			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718291201632			
Numerator - Packs per outer box	12			
EAN/UPC - Case	8718291201649			

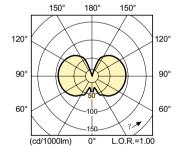
Product Data	
Order product name	MASTERC CDM-TC Elite 50W/942 G8.5 1CT
Full product name	MASTERC CDM-TC Elite 50W/942 G8.5 1CT

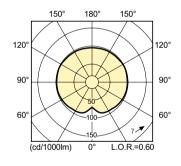
Dimensional drawing

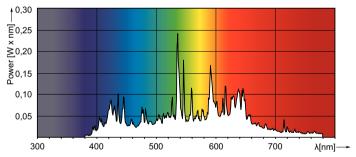


Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite 50W/942	15 mm	7.1 mm	51 mm	53 mm	52 mm	85 mm
G8.5 1CT						

Photometric data





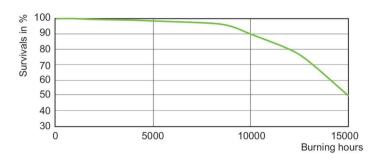


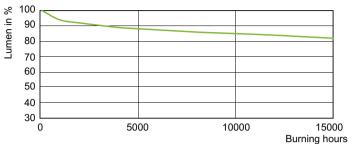
Light Distribution Diagram - MASTERC CDM-TC Elite 50W/942 G8.5 1CT

Spectral Power Distribution Colour - MASTERC CDM-TC Elite 50W/942 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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