



MASTERColour CDM-TC Elite

MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12

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)
- 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

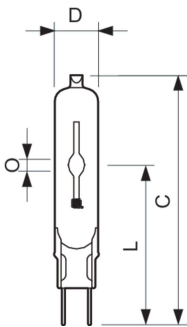
General Information		Arc Length O (Nom)	
Cap-Base	G8.5 [G8.5]	6 mm	
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
Flux measurement reference	Sphere	Power Consumption	50.2 W
Life to 50% Failures (Nom)	20,000 h	Voltage (Nom)	90 V
Light Technical		Voltage (Nom)	90 V
Color Code	930 [CCT of 3000K]	Controls and Dimming	
Luminous Flux	5,400 lm	Dimmable	No
Color Designation	Warm White (WW)	Mechanical and Housing	
Chromaticity Coordinate X (Nom)	0.434	Bulb Finish	Clear
Chromaticity Coordinate Y (Nom)	0.398	Bulb Shape	T14 [T 14 mm]
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	108 lm/W		
Color rendering index (CRI)	91		

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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	51 kWh
EPREL Registration Number	473270
Product Data	
Order product name	MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12
Full product name	MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12

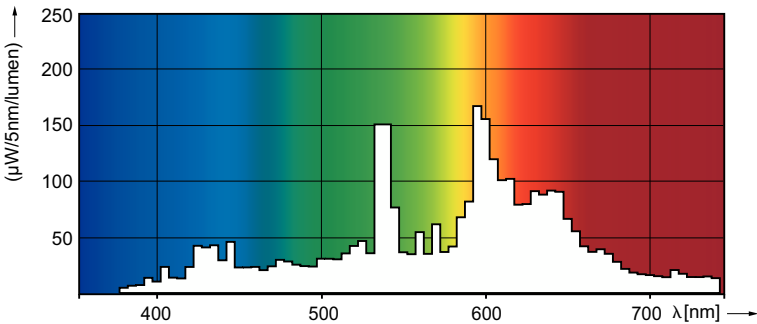
Full product code	872790093062700
Order code	928191805131
Material Nr. (12NC)	928191805131
Local order code	CDMTCEL50W930
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8727900930627
Numerator - Packs per outer box	12
EAN/UPC - Case	8727900930634

Dimensional drawing



Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12	15 mm	6 mm	51 mm	53 mm	52 mm	85 mm

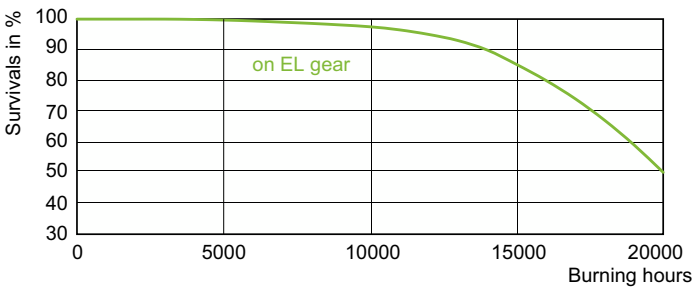
Photometric data



Spectral Power Distribution Colour - MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12

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Lifetime



Lumen Maintenance Diagram - MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12

Life Expectancy Diagram - MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12

