



MASTERColour CDM-TC Elite



MASTERColour 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		Luminous efficacy (rated) (nom.)	
Cap base	G8.5	108 lm/W	
Operating position	UNIVERSAL [Any or Universal (U)]	Colour rendering index (CRI)	
Flux measurement reference	Sphere	91	
Life to 50% failures (nom.)	20,000 h	Arc Length O (Nom)	
		6 mm	
Light Technical		Operating and Electrical	
Colour Code	930 [CCT of 3000K]	Power Consumption	50.2 W
Luminous Flux	5,400 lm	Voltage (nom.)	90 V
Colour designation	Warm White (WW)	Voltage (nom.)	90 V
Chromaticity Coordinate X (Nom)	0.434	Controls and Dimming	
Chromaticity Coordinate Y (Nom)	0.398	Dimmable	No
Correlated Colour Temperature	3000 K		

MASTERC colour CDM-TC Elite

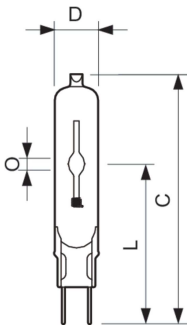
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	T14 [T 14 mm]

Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) content (max.)	6.6 mg
Mercury (Hg) content (nom.)	6.6 mg
Energy consumption kWh/1,000 hours	51 kWh
EPREL registration number	473270

Product Data	
Order product name	MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12

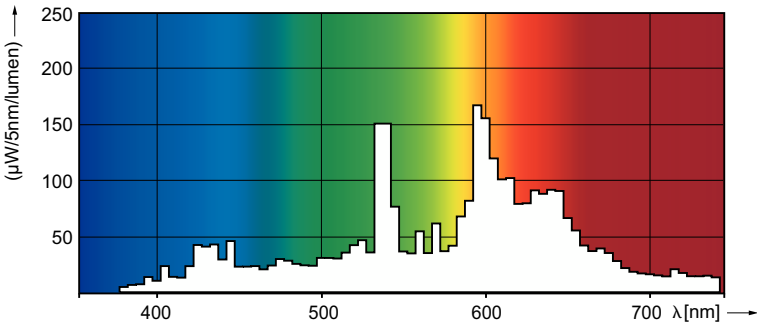
Full product name	MASTERC colour CDM-TC Elite 50W/930 G8.5 1CT/12
Full EOC	872790093062700
Order code	93062700
Material no. (12 NC)	928191805131
Local order code	50CDMTCELITE930
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8727900930627
Numerator – packs per outer box	12
EAN/UPC – Case	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

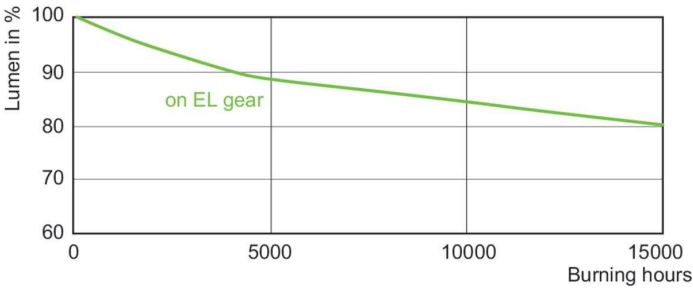
Photometric data



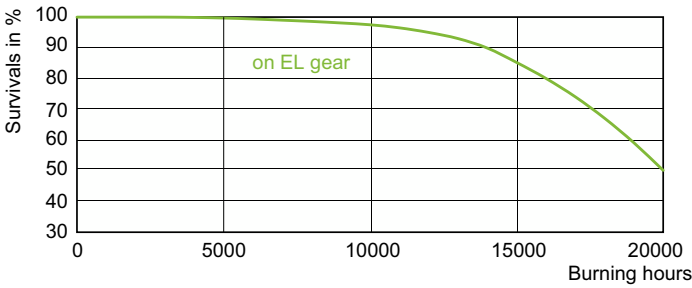
Spectral Power Distribution Colour - MASTERC CDM-TC Elite 50W/930 G8.5 1CT/12

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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

