



MASTERColour CDM-TC Elite

MASTERColour 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)
- 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		Operating and Electrical	
Cap base	G8.5	Arc Length O (Nom)	7.1 mm
Operating position	UNIVERSAL [Any or Universal (U)]	Power Consumption	50.2 W
Flux measurement reference	Sphere	Voltage (nom.)	93 V
Life to 50% failures (nom.)	15,000 h	Voltage (nom.)	93 V
Light Technical		Controls and Dimming	
Colour Code	942 [CCT of 4200K]	Dimmable	No
Luminous Flux	5,050 lm	Mechanical and Housing	
Colour designation	Cool White (CW)	Lamp Finish	Clear
Chromaticity Coordinate X (Nom)	0.371	Bulb shape	T14 [T 14 mm]
Chromaticity Coordinate Y (Nom)	0.366		
Correlated Colour Temperature	4200 K		
Luminous efficacy (rated) (nom.)	101 lm/W		
Colour rendering index (CRI)	90		

MASTERC colour CDM-TC Elite

Approval and Application

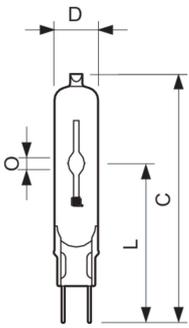
Energy Efficiency Class	F
Mercury (Hg) content (max.)	5.7 mg
Mercury (Hg) content (nom.)	5.7 mg
Energy consumption kWh/1,000 hours	51 kWh
EPREL registration number	473323

Product Data

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

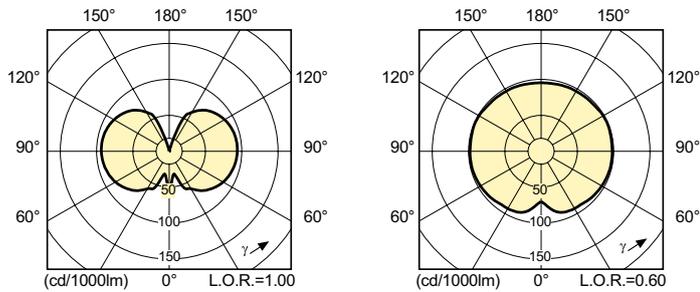
Full EOC	871829120163200
Order code	20163200
Material no. (12 NC)	928080115131
Local order code	50CDMTCELITE942
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291201632
Numerator – packs per outer box	12
EAN/UPC – Case	8718291201649

Dimensional drawing

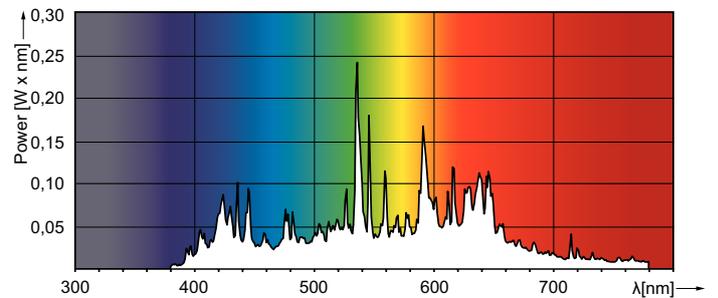


Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite 50W/942 G8.5 1CT	15 mm	7.1 mm	51 mm	53 mm	52 mm	85 mm

Photometric data



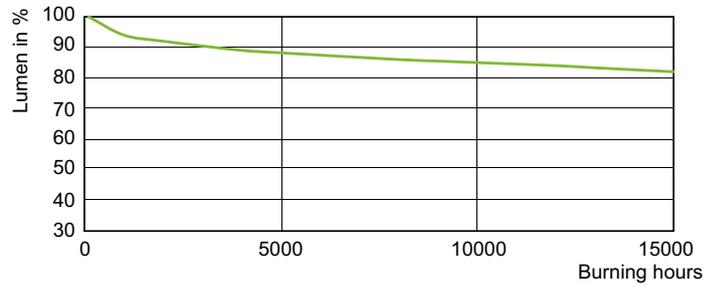
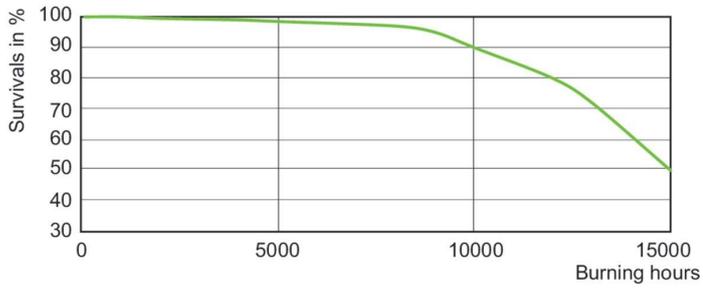
Light Distribution Diagram - MASTERC CDM-TC Elite 50W/942 G8.5 1CT



Spectral Power Distribution Colour - MASTERC CDM-TC Elite 50W/942 G8.5 1CT

MASTERCcolour CDM-TC Elite

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

