MASTERColour CDM-TC Elite

MASTERColour CDM-TC Elite 50W/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)
- 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 [G8.5]
Operating Position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% Failures (Nom)	15,000 hour(s)

Light Technical

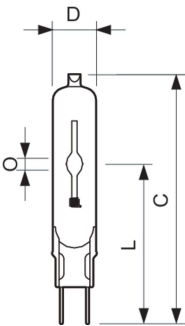|	
Color Code	942 [CCT of 4200K]
Luminous Flux	5,050 lm
Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.371
Chromaticity Coordinate Y (Nom)	0.366
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	101 lm/W

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

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Bulb Shape	T14 [T 14 mm]

Full product name	MASTERColour CDM-TC Elite 50W/942 G8.5 1CT
Full product code	871829120163200
Order code	20163200
Material Nr. (12NC)	928080115131
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718291201632
Numerator – Packs per outer box	12
EAN/UPC – Case	8718291201649

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

Product Data

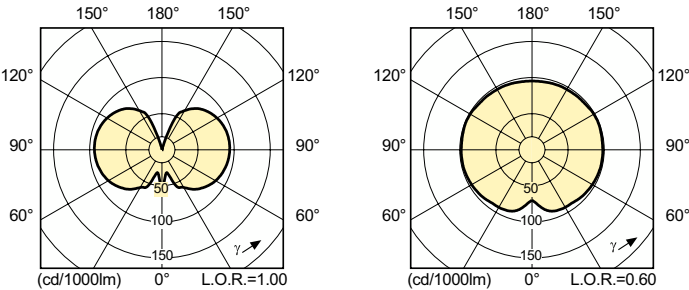| Order product name	MASTERC CDM-TC Elite 50W/942 G8.5 1CT

Dimensional drawing

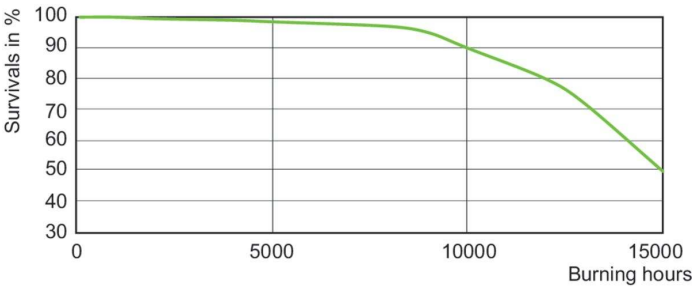| Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite 50W/942 G8.5 1CT	15 mm	7.1 mm	51 mm	53 mm	52 mm	85 mm

Photometric data

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

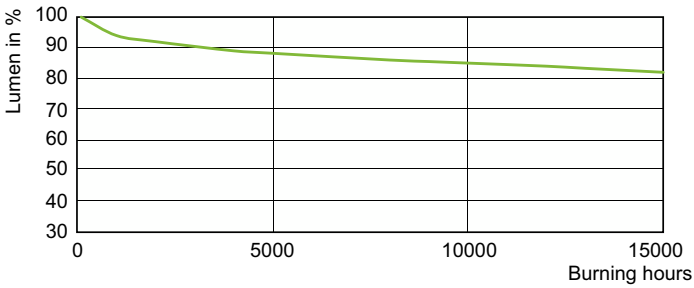**Spectral Power Distribution Colour – MASTERC CDM-TC Elite 50W/942 G8.5 1CT**

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