



# 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)
- $\cdot$  The luminaire must be able to contain hot lamp parts if the lamp ruptures
- $\cdot$  Use only with electronic control gear
- $\cdot$  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				
Operating position	UNIVERSAL [Any or Universal (U)]				
Flux measurement reference	Sphere				
Life to 50% failures (nom.)	15,000 h				
Light Technical					
Colour Code	942 [CCT of 4200K]				
Luminous Flux	5,050 lm				
Colour designation	Cool White (CW)				
Chromaticity Coordinate X (Nom)	0.371				
Chromaticity Coordinate Y (Nom)	0.366				
Correlated Colour Temperature	4200 K				
Luminous efficacy (rated) (nom.)	101 lm/W				
Colour rendering index (CRI)	90				

Availanath O (Nava)	71
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	
Lamp Finish	Clear
Bulb shape	T14 [T 14 mm]

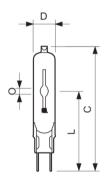
Datasheet, 2023, April 16 data subject to change

# **MASTERColour 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	MASTERColour CDM-TC Elite 50W/942 G8.5 1CT

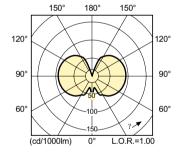
Full EOC	871829120163200				
Order code	20163200				
Material no. (12 NC)	928080115131				
Local order code	50CDMTCELITE942				
SAP numerator – quantity per pack	1				
EAN/UPC — Product/Case	8718291201632				
Numerator – packs per outer box	12				
EAN/UPC - Case	8718291201649				

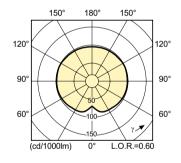
## Dimensional drawing

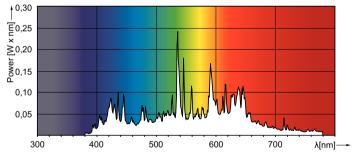


Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite 50W/942	15 mm	7.1 mm	51 mm	53 mm	52 mm	85 mm
G8.5 1CT						

### Photometric data





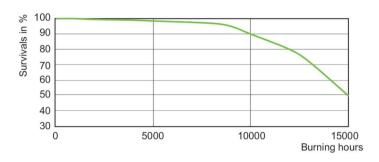


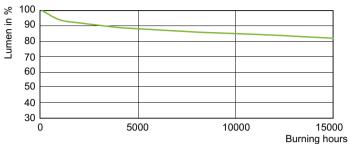
Light Distribution Diagram - MASTERC CDM-TC Elite 50W/942 G8.5 1CT

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

# **MASTERColour 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



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