

MASTERColour CDM-Tm Elite Mini

MASTERColour CDM-Tm Elite Mini 50W/942 GU6.5 1CT

Mini, single-ended, very high-efficiency, long-life Ceramic Metal Halide discharge lamp producing crisp white sparkling light with high color rendering

Product data

• General Information

Cap-Base	GU6.5 [GU6.5]
Operating Position	VBU/VBD60 [Vertical or Base Up/ Base Down +/-60D]
Life To 5% Failures (Nom)	9000 h
Life To 10% Failures (Nom)	10000 h
Life To 20% Failures (Nom)	12000 h
Life To 50% Failures (Nom)	15000 h

• Light Technical

Color Code	942 [CCT of 4200K]
Luminous Flux (Rated) (Min)	4600 lm
Luminous Flux (Rated) (Nom)	5100 lm
Color Designation	Cool White (CW)
Lumen Maintenance 1000 h (Nom)	93 %
Lumen Maintenance 12000 h (Nom)	82 %
Lumen Maintenance 10000 h (Nom)	83 %
Lumen Maintenance 2000 h (Nom)	91 %
Lumen Maintenance 4000 h (Nom)	88 %
Lumen Maintenance 5000 h (Nom)	87 %
Chromaticity Coordinate X (Nom)	0.374
Chromaticity Coordinate Y (Nom)	0.370
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	102 lm/W
Color Rendering Index (Min)	88
Color Rendering Index (Nom)	91

• Operating and Electrical

Power (Rated) (Nom)	50.0 W
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	102 V
Voltage (Min)	86 V
Voltage (Nom)	94 V

• Controls and Dimming

Dimmable	No
Run-Up Time 90% (Max)	3 min

• Mechanical and Housing

Bulb Finish	Clear

• Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	5.7 mg

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MASTERColour CDM-Tm Elite Mini

Energy Consumption kWh/1000 h	55 kWh

- UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.4

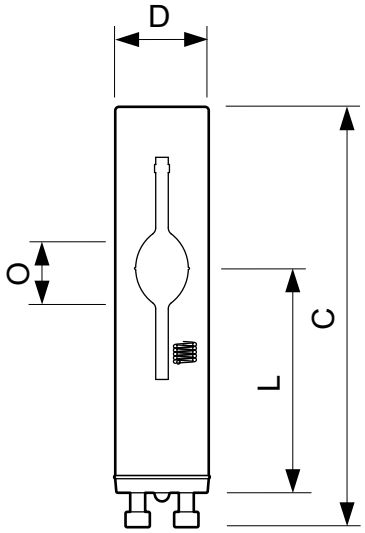
- Luminaire Design Requirements

Bulb Temperature (Max)	500 °C
Cap-Base Temperature (Max)	250 °C

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
- For 50W use with Philips electronic gear only

Dimensional drawing



MASTER Colour CDM-Tm 20W /830 GU6.5

CDM-Tm 50W/942 GU6.5

Product	D	D	O	L	L	L	C
MASTERColour CDM-Tm Elite Mini 50W/942 GU6.5 1CT	13.3 mm	0.5 in	7.1 mm	28 mm	32 mm	30 mm	56.7 mm

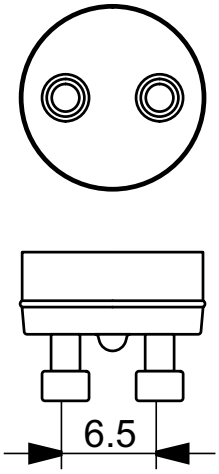
- Product Data

Full product code	871829125351800
Order product name	MASTERColour CDM-Tm Elite Mini 50W/942 GU6.5 1CT
EAN/UPC - Product	8718291253518
Order code	928062405130
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928062405130
Net Weight (Piece)	0.007 kg
ILCOS Code	MT/UB-50/942-H-GU6.5-13.3/52

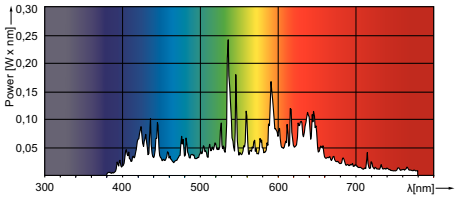
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

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Dimensional drawing



Photometric data



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data subject to change