



# MASTERCcolour CDM-T



## MASTERCcolour CDM-T 150W/942 G12 1CT

Range of single-ended, compact, high-efficiency, discharge lamps with a stable color over lifetime and a crisp, sparkling light

### 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
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Lamps may use electronic or electromagnetic control gear, except 35W/942 and 20W lamps, which must use electronic control gear.
- 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	G12 [ G12]
Operating Position	UNIVERSAL [ Any or Universal (U)]
Life to 5% Failures (Nom)	9000 h
Life To 10% Failures (Nom)	10000 h
Life to 20% Failures (Nom)	11000 h
Life to 50% Failures (Nom)	12000 h
ANSI Code HID	C142/E
Flux measurement reference	Sphere

Luminous Flux (Rated) (Min)	10900 lm
Luminous Flux (Rated) (Nom)	12100 lm
Color Designation	Cool White (CW)
Lumen Maintenance 10000 h (Nom)	70 %
Lumen Maintenance 2000 h (Min)	75 %
Lumen Maintenance 2000 h (Nom)	85 %
Lumen Maintenance 5000 h (Min)	70 %
Lumen Maintenance 5000 h (Nom)	80 %
Chromaticity Coordinate X (Nom)	0.371
Chromaticity Coordinate Y (Nom)	0.366
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	82 lm/W

Light technical	
Color Code	942 [ CCT of 4200K]
Luminous Flux (Nom)	12100 lm

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Color Rendering Index (Nom)	96
<b>Operating and electrical</b>	
Power (Nom)	150.1 W
Lamp Current Run-Up (Max)	2.5 A
Lamp Current (EM) (Nom)	1.9 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	198 V
Ignition Peak Voltage (Min)	3500 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	98 V
Voltage (Min)	82 V
Voltage (Nom)	90 V
<b>Controls and dimming</b>	
Dimmable	No
Run-Up Time 90% (Max)	3 min
<b>Mechanical and housing</b>	
Bulb Finish	Clear
Bulb Shape	T19 [ T 19mm]
<b>Approval and application</b>	
Energy Efficiency Class	G

Mercury (Hg) Content (Max)	10.4 mg
Mercury (Hg) Content (Nom)	10.4 mg
Energy Consumption kWh/1000 h	151 kWh
EPREL Registration Number	473338

## UV

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

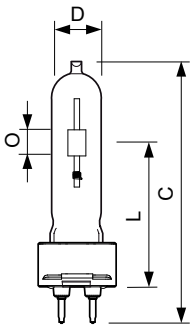
## Luminaire design requirements

Bulb Temperature (Max)	650 °C
Cap-Base Temperature (Max)	280 °C
Pinch Temperature (Max)	350 °C

## Product data

Full product code	871150020005115
Order product name	MASTERCcolour CDM-T 150W/942 G12 1CT
EAN/UPC - Product	8711500200051
Order code	928084605131
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928084605131
Net Weight (Piece)	0.033 kg
ILCOS Code	MT/UB-150/942-H-G12-21/100

## Dimensional drawing

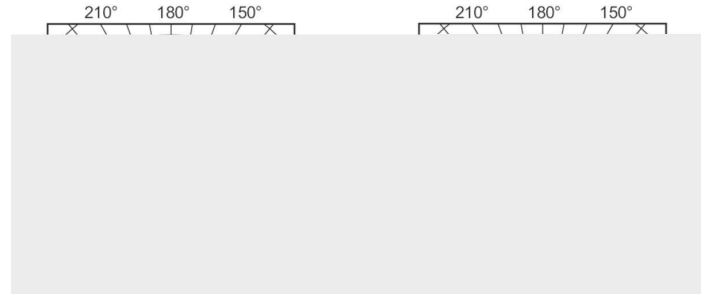


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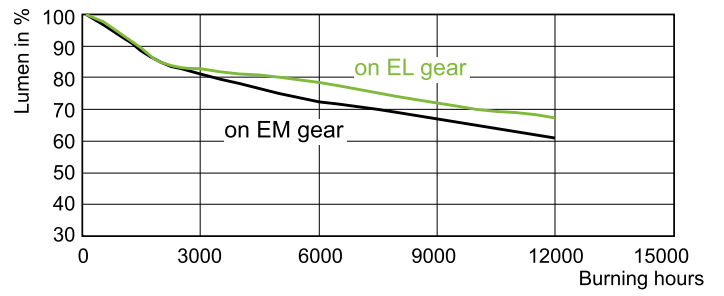
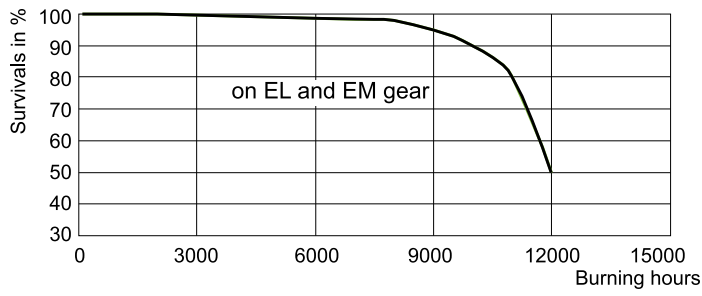
Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERCcolour CDM-T 150W/942 G12 1CT	20 mm	0.75 in	8 mm	55 mm	57 mm	56 mm	110 mm

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## Photometric data



## Lifetime



LDLE\_CDM-T\_150W\_942-Life expectancy diagram

LDLM\_CDM-T\_150W\_942-Lumen maintenance diagram

