

PHILIPS

Lighting



MASTERColour CDM-T

MASTERColour CDM-T 150W/942 G12 1CT

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

Product data

General Information		Color rendering index (nom.)	
Cap base	G12 [G12]		96
Operating position	UNIVERSAL [Any/Universal]		
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		
Light Technical		Operating and Electrical	
Colour code	942 [CCT of 4200K]	Power (Rated) (Nom)	147 W
Luminous flux (rated) (min.)	11200 lm	Lamp current run-up (max.)	2.5 A
Luminous flux (rated) (nom.)	12400 lm	Lamp current (EM) (nom.)	1.9 A
Colour designation	Cool White (CW)	Ignition supply voltage (max.)	198 V
Lumen maintenance 10,000 hours (nom.)	70 %	Ignition peak voltage (max.)	5000 V
Lumen maintenance 2,000 hours (min.)	75 %	Ignition supply voltage (min.)	198 V
Lumen maintenance 2,000 hours (nom.)	85 %	Ignition peak voltage (min.)	3500 V
Lumen maintenance 5,000 hours (min.)	70 %	Re-ignition time (min.) (max.)	15 min
Lumen maintenance 5,000 hours (nom.)	80 %	Ignition time (max.)	30 s
Chromaticity coordinate X (nom.)	0.375	Voltage (Max)	98 V
Chromaticity coordinate Y (nom.)	0.363	Voltage (Min)	82 V
Correlated colour temperature (nom.)	4200 K	Voltage (Nom)	90 V
Luminous efficacy (rated) (nom.)	84 lm/W		
		Controls and Dimming	
		Dimmable	no
		Run-up time 90% (max.)	3 min
		Mechanical and Housing	
		Bulb finish	Clear (CL)

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Approval and Application

Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	10.4 mg
Energy Consumption kWh/1000 h	162 kWh

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

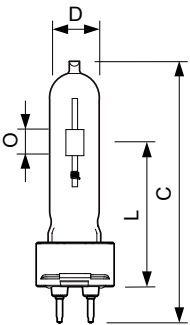
Product Data

Full product code	871150020005115
Order product name	MASTERCcolour CDM-T 150W/942 G12 1CT
EAN/UPC – product	8711500200051
Order code	20005115
Local Code	150CDMT942
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	928084605131
Net weight (piece)	0.033 kg
ILCOS Code	MT/UB-150/942-H-G12-21/100

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.

Dimensional drawing

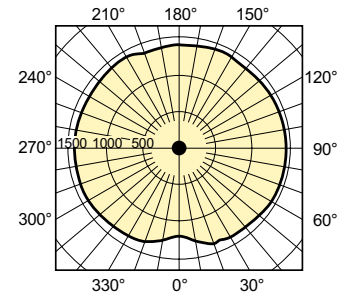
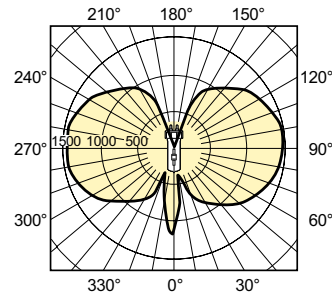
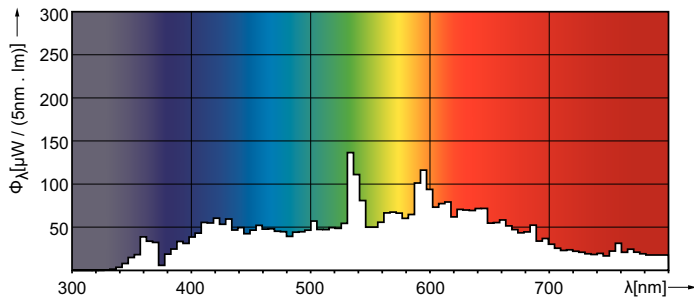


CDM-T 150W/942 G12

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

