PHILIPS Lighting





MASTERColour CDM-T

MASTERColour 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)
- \cdot 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

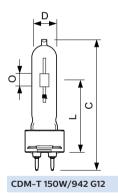
General Information		Luminous Flux (Rated) (Min)	10900 lm	
Cap-Base	G12 [G12] Luminous Flux (Rated) (Nom)		12100 lm	
Operating Position	UNIVERSAL [Any or Universal (U)]	Color Designation	Cool White (CW)	
Life to 5% Failures (Nom)	9000 h	Lumen Maintenance 10000 h (Nom)	70 %	
Life To 10% Failures (Nom)	10000 h	Lumen Maintenance 2000 h (Min)	75 %	
Life to 20% Failures (Nom)	11000 h	Lumen Maintenance 2000 h (Nom)	85 %	
Life to 50% Failures (Nom)	12000 h	Lumen Maintenance 5000 h (Min)	70 %	
ANSI Code HID	C142/E	Lumen Maintenance 5000 h (Nom)	80 %	
Flux measurement reference	Sphere	Chromaticity Coordinate X (Nom)	0.371	
		Chromaticity Coordinate Y (Nom)	0.366	
Light Technical		Correlated Color Temperature (Nom)	4200 K	
Color Code	942 [CCT of 4200K]	Luminous Efficacy (rated) (Nom)	82 lm/W	
Luminous Flux (Nom)	12100 lm			

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Color Rendering Index (Nom)	96	Mercur
		Mercur
Operating and Electrical		Energy
Power (Nom)	150.1 W	EPREL
Lamp Current Run-Up (Max)	2.5 A	
Lamp Current (EM) (Nom)	1.9 A	UV
Ignition Supply Voltage (Max)	198 V	Pet (Ni
Ignition Peak Voltage (Max)	5000 V	Damag
Ignition Supply Voltage (Min)	198 V	
Ignition Peak Voltage (Min)	3500 V	Lumin
Re-Ignition Time (Min) (Max)	15 min	Bulb Te
Ignition Time (Max)	30 s	Cap-Ba
Voltage (Max)	98 V	Pinch T
Voltage (Min)	82 V	
Voltage (Nom)	90 V	Produ
		Full pro
Controls and Dimming		Order p
Dimmable	No	EAN/U
Run-Up Time 90% (Max)	3 min	Order o
		Numer
Mechanical and Housing		Numer
Bulb Finish	Clear	Materia
Bulb Shape	T19 [T 19mm]	Net We
		ILCOS
Approval and Application		
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 ℃				
Cap-Base Temperature (Max)	280 °C				
Pinch Temperature (Max)	350 ℃				
Product Data					
Full product code	871150020005115				
Order product name	MASTERColour 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				

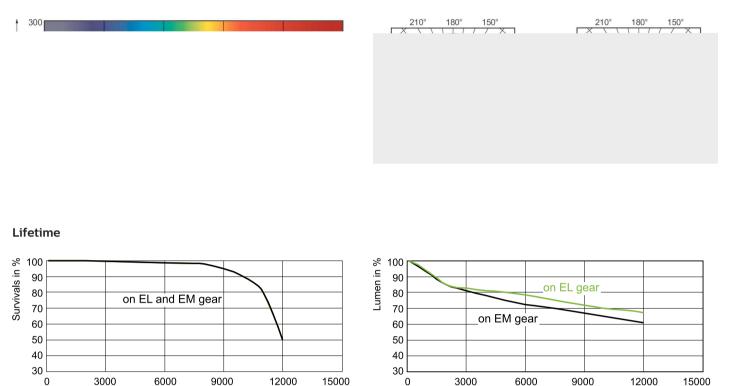
Dimensional drawing



Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERColour CDM-T	20 mm	0.75 in	8 mm	55 mm	57 mm	56 mm	110 mm
150W/942 G12 1CT							

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Photometric data



Burning hours

LDLE_CDM-T_150W_942-Life expectancy diagram

LDLM_CDM-T_150W_942-Lumen maintenance diagram

Burning hours



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