

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	
Cap base	G12 [G12]
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	
Colour code	942 [CCT of 4,200 K]
Luminous flux (rated) (min.)	10900 lm
Luminous flux (rated) (nom.)	12100 lm
Colour designation	Cool White (CW)
Lumen maintenance 10,000 hours (nom.)	70 %
Lumen maintenance 2,000 hours (min.)	75 %
Lumen maintenance 2,000 hours (nom.)	85 %
Lumen maintenance 5,000 hours (min.)	70 %
Lumen maintenance 5,000 hours (nom.)	80 %
Chromaticity coordinate X (nom.)	0.375
Chromaticity coordinate Y (nom.)	0.363
Correlated Colour Temperature (Nom)	4200 K

Luminous efficacy (rated) (nom.)	82 lm/W
Color rendering index (nom.)	96

Operating and Electrical	
Power (Rated) (Nom)	147 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

Controls and Dimming	
Dimmable	no
Run-up time 90% (max.)	3 min

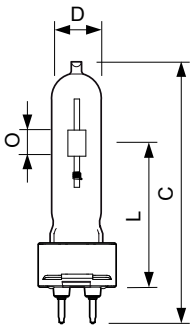
MASTERCcolour CDM-T

Mechanical and Housing	
Bulb finish	Clear
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

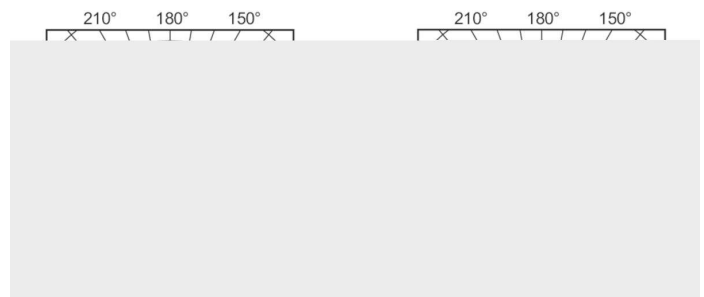
Dimensional drawing



CDM-T 150W/942 G12

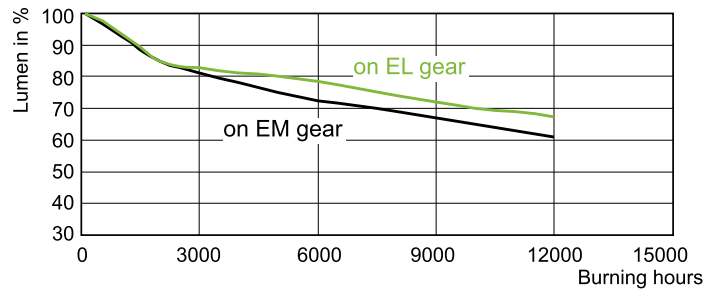
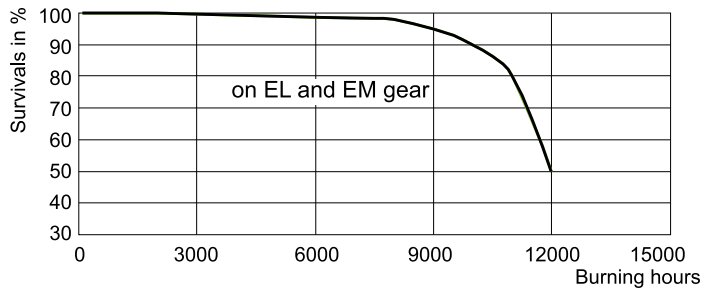
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Photometric data



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Lifetime



LDLE_CDM-T_150W_942-Life expectancy diagram

LDLM_CDM-T_150W_942-Lumen maintenance diagram

