

PHILIPS

Lighting



MASTERColour CDM-T

MASTERColour CDM-T 150W/830 G12 1CT

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

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

Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux (Rated) (Min)	11700 lm
Luminous Flux (Rated) (Nom)	13000 lm
Color Designation	Warm White (WW)
Lumen Maintenance 10000 h (Nom)	60 %
Lumen Maintenance 2000 h (Min)	65 %
Lumen Maintenance 2000 h (Nom)	75 %
Lumen Maintenance 5000 h (Min)	60 %
Lumen Maintenance 5000 h (Nom)	70 %
Chromaticity Coordinate X (Nom)	0.436
Chromaticity Coordinate Y (Nom)	0.396
Correlated Color Temperature (Nom)	3000 K

Luminous Efficacy (rated) (Nom)	88 lm/W
Color Rendering Index (Nom)	88

Operating and Electrical	
Power (Nom)	147 W
Lamp Current Run-Up (Max)	2.5 A
Lamp Current (EM) (Nom)	1.8 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)	106 V
Voltage (Min)	86 V
Voltage (Nom)	96 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) 14.3 mg
 Energy Consumption kWh/1000 h 162 kWh

UV

Pet (Niosh) (Min) 8 h/500lx
 Damage Factor D/fc (Max) 0.3

Luminaire Design Requirements

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

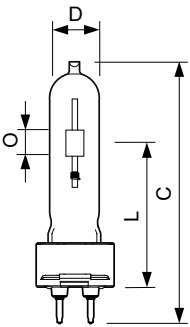
Pinch Temperature (Max) 350 °C

Product Data

Full product code 871150019780115
 Order product name MASTERCcolour CDM-T 150W/830 G12 1CT
 EAN/UPC - Product 8711500197801
 Order code 928083705125
 Numerator - Quantity Per Pack 1
 Numerator - Packs per outer box 12
 Material Nr. (12NC) 928083705125
 Net Weight (Piece) 33.000 g
 ILCOS Code MT/UB-150/830-H-G12-21/100

Warnings and Safety

Dimensional drawing

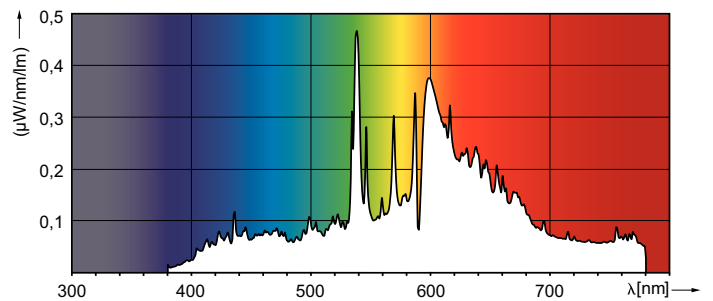
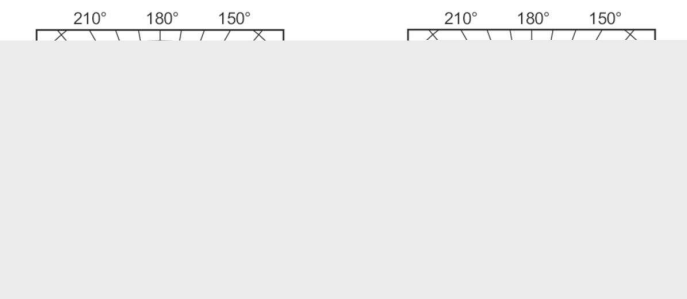


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Product

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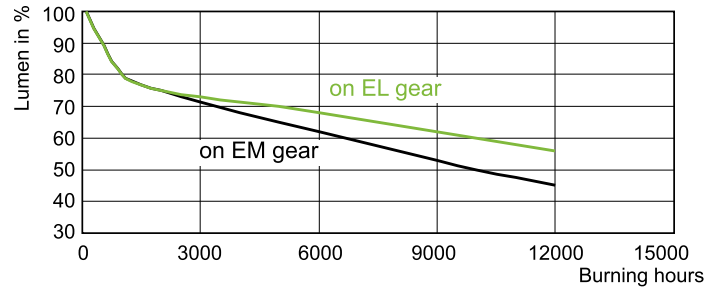
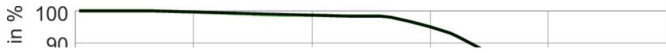
Photometric data



LDPO_CDM-T_150W_830-Spectral power distribution Colour

MASTERColour CDM-T

Lifetime



LDLM_CDM-T_150W_830-Lumen maintenance diagram

