

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]
Bulb Shape	T19 [T 19mm]
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) (Nom)	13200 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)	90 lm/W

Color Rendering Index (Nom)	88
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Operating and Electrical	
Power (Rated) (Nom)	150 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

Mechanical and Housing	
Bulb Finish	Clear

MASTERCcolour CDM-T

Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	14.25 mg
Energy Consumption kWh/1000 h	165 kWh

UV

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

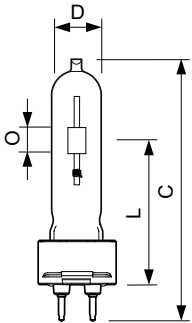
Luminaire Design Requirements

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

Dimensional drawing



CDM-T 150W/830 G12

Product D D O L L L C

