

PHILIPS

Lighting



MasterColor CDM-T T6

CDM150/T6/830 12PK

MasterColor CDM lamp gives a unique combination of unbeatable light quality and consistent performance over lifetime while keeping running costs low. The Philips MasterColor Tubular Single-Ended T6 lamp is a compact, energy efficient, ceramic metal halide lamp that provides crisp, sparkling light.

Product data

General Information	
Cap-Base	G12 [G12]
Bulb Shape	T6 [Diameter: 6/8 inch/19 mm]
Operating Position	Universal [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	
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

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

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Mechanical and Housing

Bulb Finish	Clear (CL)
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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

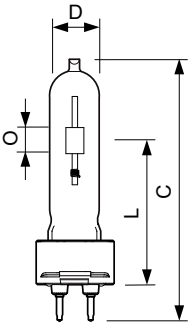
Bulb Temperature (Max)	650 °C
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Cap-Base Temperature (Max)	280 °C
Pinch Temperature (Max)	350 °C

Product Data

Order product name	CDM150/T6/830 12PK
EAN/UPC - Product	046677232726
Order code	232728
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928083705115
Net Weight (Piece)	0.033 kg
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
CDM150/T6/830 12PK	20 mm	0.75 in	9 mm	55 mm	57 mm	56 mm	110 mm

