MasterColor CDM-T T6

CDM150/T6/942 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]
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	942 [CCT of 4200K]
Luminous Flux (Rated) (Nom)	12000 lm
Color Designation	Cool White (CW)
Lumen Maintenance 10000 h (Nom)	70 %
Lumen Maintenance 2000 h (Min)	75 %
Lumen Maintenance 2000 h (Nom)	85 %
Lumen Maintenance 5000 h (Min)	70 %
Lumen Maintenance 5000 h (Nom)	80 %
Chromaticity Coordinate X (Nom)	0.375
Chromaticity Coordinate Y (Nom)	0.363
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	83 lm/W
Color Rendering Index (Nom)	96

Operating and Electrical

Power (Rated) (Nom)	150 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

Mechanical and Housing

Bulb Finish	Clear

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MasterColor CDM-T T6

- Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	10.4 mg
Energy Consumption kWh/1000 h	165 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

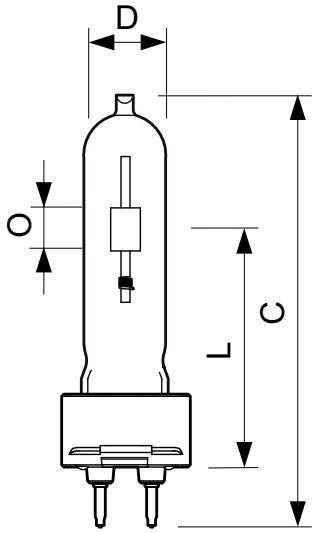
- Product Data

Order product name	CDM150/T6/942 12PK
EAN/UPC - Product	046677373696
Order code	928084605115
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928084605115
Net Weight (Piece)	0.033 kg
ILCOS Code	MT/UB-150/942-H-G12-21/100

Warnings and Safety

- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

Dimensional drawing

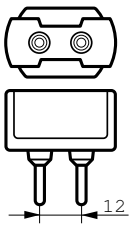


CDM-T 35W, 70W, 150W G12

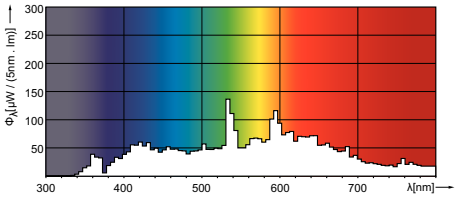
CDM-T 150W/942 G12

Product	D	D	O	L	L	L	C
CDM150/T6/942 12PK	20 mm	0.75 in	8 mm	55 mm	57 mm	56 mm	110 mm

Dimensional drawing



Photometric data



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data subject to change