

# PHILIPS

## Lighting



# 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

Base	G12 [ G12]
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	942 [ CCT of 4200K]
Luminous Flux (Rated) (Min)	10900 lm
Luminous Flux (Rated) (Nom)	12100 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)	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

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## Controls and Dimming

Dimmable	No
Run-Up Time 90% (Max)	3 min

## Mechanical and Housing

Bulb Finish	Clear
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## 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

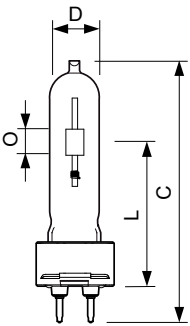
Bulb Temperature (Max)	650 °C
Cap-Base Temperature (Max)	280 °C
Pinch Temperature (Max)	350 °C

## Product Data

Order product name	CDM150/T6/942 12PK
EAN/UPC - Product	046677373696
Order code	373696
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

### Dimensional drawing

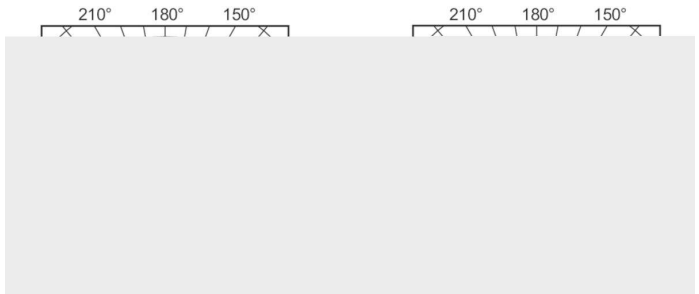


CDM-T 150W/942 G12

## Product

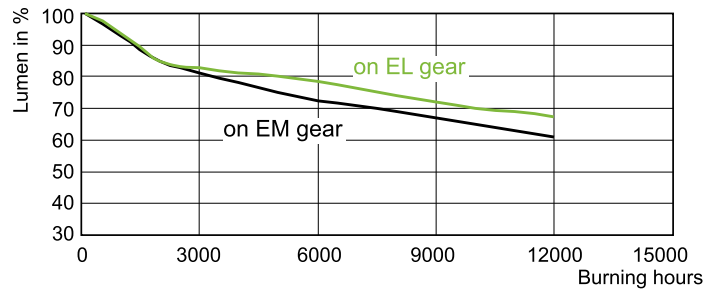
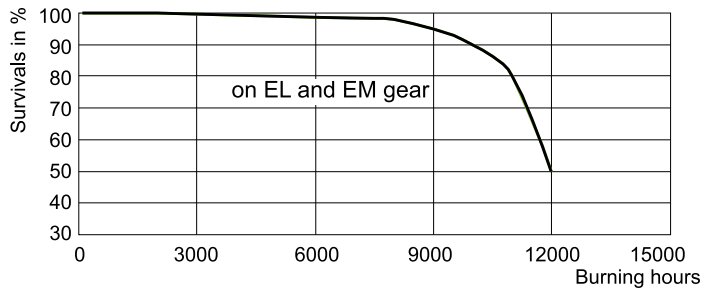
CDM150/T6/942 12PK

## Photometric data



# MasterColor CDM-T T6

## Lifetime



LDLE\_CDM-T\_150W\_942-Life expectancy diagram

LDLM\_CDM-T\_150W\_942-Lumen maintenance diagram

