



# MasterColor CDM-T T6

## MasterColor CDM-T 70W/830 G12 T6 CL

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	C139/E
Light Technical	
Color Code	830 [ CCT of 3000K]
Luminous Flux (Rated) (Min)	5600 lm
Luminous Flux (Rated) (Nom)	6200 lm
Color Designation	Warm White (WW)
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)	0.432

Chromaticity Coordinate Y (Nom)	0.395
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	85 lm/W
Color Rendering Index (Nom)	84
Operating and Electrical	
Power (Rated) (Nom)	73 W
Lamp Current Run-Up (Max)	1.4 A
Lamp Current (EM) (Nom)	0.98 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)	96 V
Voltage (Min)	80 V
Voltage (Nom)	88 V

# MasterColor CDM-T T6

## Controls and Dimming

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

## Mechanical and Housing

Bulb Finish	Clear
-------------	-------

## Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	4.6 mg
Energy Consumption kWh/1000 h	80 kWh

## UV

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

## Luminaire Design Requirements

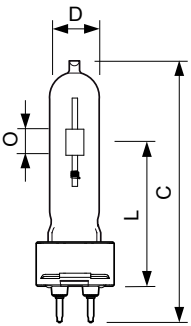
Bulb Temperature (Max)	500 °C
Cap-Base Temperature (Max)	280 °C
Pinch Temperature (Max)	350 °C

## Product Data

Order product name	MasterColor CDM-T 70W/830 G12 T6 CL
EAN/UPC - Product	046677223373
Order code	223370
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928082305115
Net Weight (Piece)	0.029 kg
ILCOS Code	MT/UB-70/830-H-G12-20/90

## Warnings and Safety

### Dimensional drawing

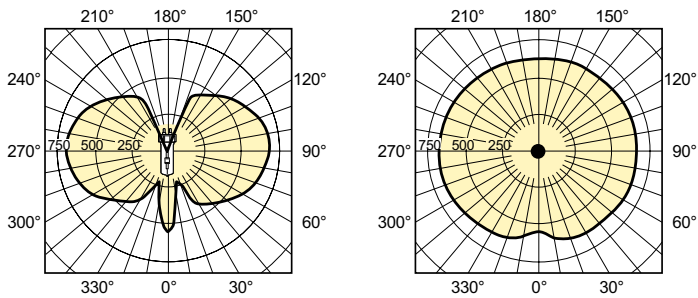


CDM-T 70W/830 G12

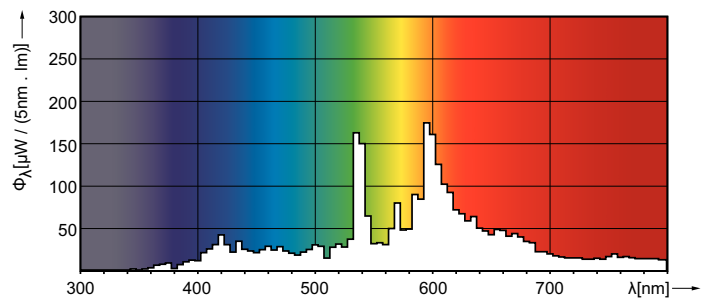
### Product

MasterColor CDM-T 70W/830 G12 T6 CL

### Photometric data

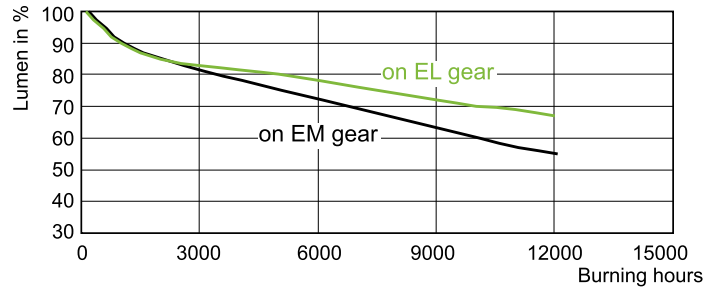
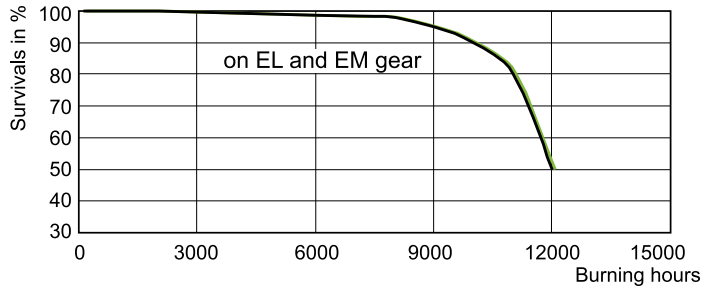


LDLD\_CDM-T\_70W\_830\_942-Light distribution diagram



# MasterColor CDM-T T6

## Lifetime



LDLE\_CDM-T\_70W\_830-Life expectancy diagram

LDLM\_CDM-T\_70W\_830-Lumen maintenance diagram

