



# MasterColor CDM-T T6

## MasterColor CDM-T 70W/942 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]	Correlated Color Temperature (Nom)	4200 K
Operating Position	Universal [ Universal]	Luminous Efficacy (rated) (Nom)	85 lm/W
Life to 5% Failures (Nom)	9000 h	Color Rendering Index (Nom)	92
Life To 10% Failures (Nom)	10000 h		
Life to 20% Failures (Nom)	11000 h	Operating and Electrical	
Life to 50% Failures (Nom)	12000 h	Power (Rated) (Nom)	73 W
ANSI Code HID	C139/E	Lamp Current Run-Up (Max)	1.4 A
		Lamp Current (EM) (Nom)	0.98 A
Light Technical		Ignition Supply Voltage (Max)	198 V
Color Code	942 [ CCT of 4200K]	Ignition Peak Voltage (Max)	5000 V
Luminous Flux (Rated) (Nom)	6200 lm	Ignition Supply Voltage (Min)	198 V
Color Designation	Cool White (CW)	Ignition Peak Voltage (Min)	3500 V
Lumen Maintenance 10000 h (Nom)	65 %	Re-Ignition Time (Min) (Max)	15 min
Lumen Maintenance 2000 h (Min)	75 %	Ignition Time (Max)	30 s
Lumen Maintenance 2000 h (Nom)	85 %	Voltage (Max)	96 V
Lumen Maintenance 5000 h (Min)	65 %	Voltage (Min)	80 V
Lumen Maintenance 5000 h (Nom)	75 %	Voltage (Nom)	88 V
Chromaticity Coordinate X (Nom)	0.377		
Chromaticity Coordinate Y (Nom)	0.376	Controls and Dimming	
		Dimmable	No

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Run-Up Time 90% (Max)	3 min
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Mechanical and Housing

Bulb Finish	Clear
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Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	6.1 mg
Energy Consumption kWh/1000 h	80 kWh

UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.4

Luminaire Design Requirements

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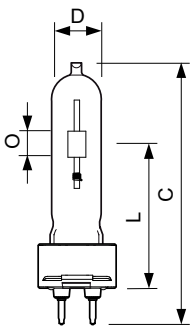
Cap-Base Temperature (Max)	280 °C
Pinch Temperature (Max)	350 °C

Product Data

Order product name	MasterColor CDM-T 70W/942 G12 T6 CL
EAN/UPC - Product	046677281373
Order code	281378
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928084505115
Net Weight (Piece)	0.029 kg
ILCOS Code	MT/UB-70/942-H-G12-20/90

Warnings and Safety

Dimensional drawing

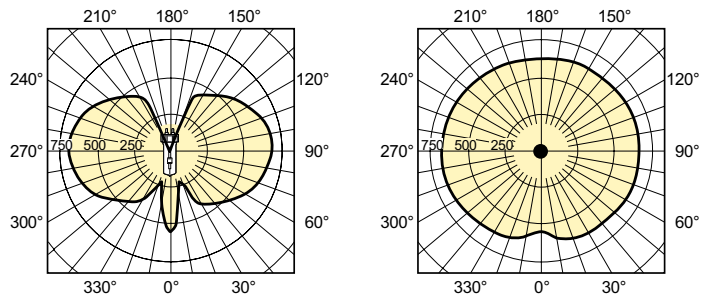


CDM-T 70W/942 G12

Product

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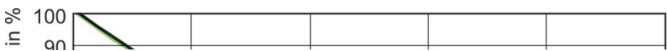
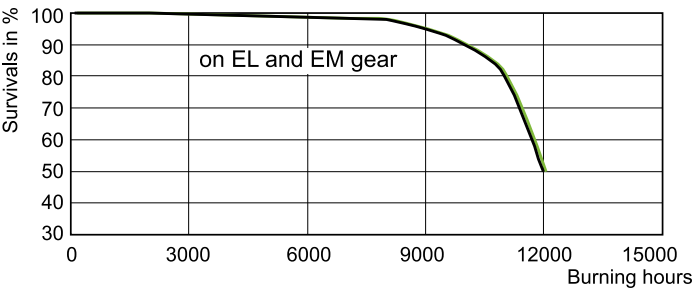
Photometric data



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

MasterColor CDM-T T6

Lifetime



LDLE\_CDM-T\_70W\_942-Life expectancy diagram

