



# MasterColor CDM-T T6

## MasterColor CDM-T 35W/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	C130/E
Light Technical	
Color Code	830 [ CCT of 3000K]
Luminous Flux (Rated) (Nom)	3100 lm
Color Designation	Warm White (WW)
Lumen Maintenance 10000 h (Nom)	50 %
Lumen Maintenance 2000 h (Min)	70 %
Lumen Maintenance 2000 h (Nom)	80 %
Lumen Maintenance 5000 h (Min)	60 %
Lumen Maintenance 5000 h (Nom)	70 %
Chromaticity Coordinate X (Nom)	0.428
Chromaticity Coordinate Y (Nom)	0.397

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	79 lm/W
Color Rendering Index (Nom)	83
Operating and Electrical	
Power (Rated) (Nom)	39 W
Lamp Current Run-Up (Max)	0.8 A
Lamp Current (EM) (Nom)	0.53 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)	90 V
Voltage (Min)	76 V
Voltage (Nom)	82 V
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)	3.1 mg
Energy Consumption kWh/1000 h	43 kWh

UV

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

Luminaire Design Requirements

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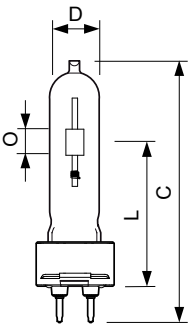
Cap-Base Temperature (Max)	280 °C
Pinch Temperature (Max)	350 °C

Product Data

Order product name	MasterColor CDM-T 35W/830 G12 T6 CL
EAN/UPC - Product	046677223281
Order code	223289
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928083105115
Net Weight (Piece)	27.000 g
ILCOS Code	MT/UB-35/830-H-G12-20/90

Warnings and Safety

Dimensional drawing

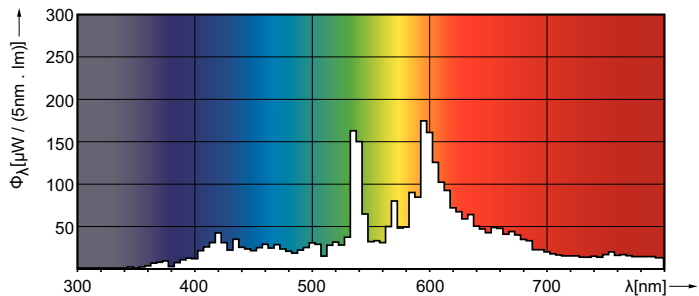


CDM-T 35W/830 G12

Product

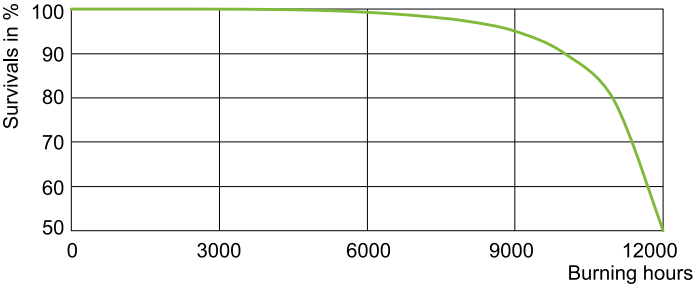
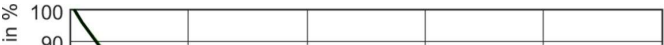
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Photometric data



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Lifetime



LDLE\_CDM-T\_0001-Life expectancy diagram

