



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.

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)
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

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)	39.1 W

MasterColor CDM-T T6

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
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)	3.1 mg

Energy Consumption kWh/1000 h	43 kWh
-------------------------------	--------

UV

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

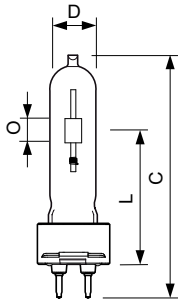
Luminaire Design Requirements

Bulb Temperature (Max)	500 °C
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

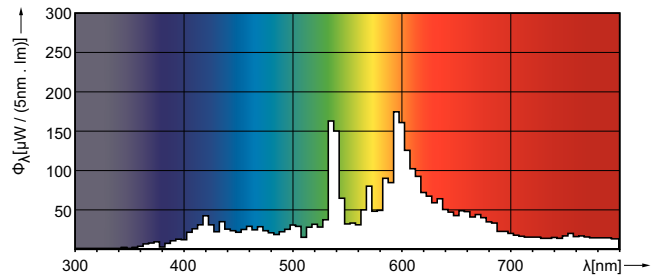
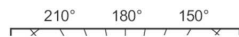
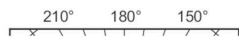
Dimensional drawing



CDM-T 35W/830 G12

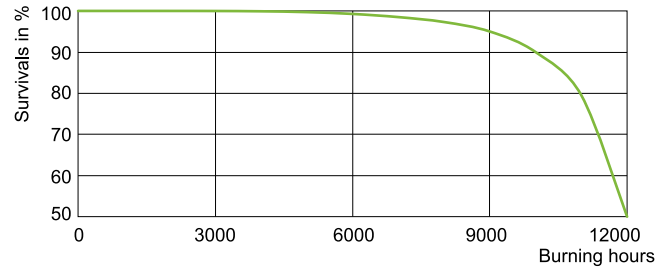
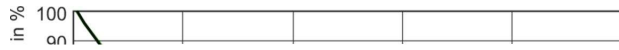
Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MasterColor CDM-T 35W/830 G12 T6 CL	20 mm	0.75 in	5 mm	55 mm	57 mm	56 mm	103 mm

Photometric data



MasterColor CDM-T T6

Lifetime



LDLE_CDM-T_0001-Life expectancy diagram

