![Philips Lighting logo]

MasterColor CDM-TC T4

MasterColor CDM-TC 35W/830 G8.5 T4 CL

MasteColor 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 T4 lamp is a compact, energy efficient, ceramic metal halide lamp that provides crisp, sparkling light.

Product data

General Information

Cap-Base	G8.5 [G8.5]
Bulb Shape	T14 [T 14 mm]
Operating Position	UNIVERSAL [Any or Universal (U)]
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

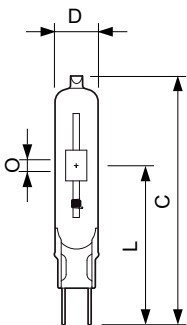|	
Color Code	830 [CCT of 3000K]
Luminous Flux (Rated) (Nom)	3000 lm
Color Designation	Warm White (WW)
Lumen Maintenance 10000 h (Nom)	50 %
Lumen Maintenance 2000 h (Min)	70 %
Lumen Maintenance 2000 h (Nom)	80 %
Lumen Maintenance 5000 h (Min)	50 %
Lumen Maintenance 5000 h (Nom)	65 %
Chromaticity Coordinate X (Nom)	0.432
Chromaticity Coordinate Y (Nom)	0.394
Correlated Color Temperature (Nom)	3000 K

Luminous Efficacy (rated) (Nom)	79 lm/W
Color Rendering Index (Nom)	81

Operating and Electrical

Power (Rated) (Nom)	39.0 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)	96 V
Voltage (Min)	80 V
Voltage (Nom)	88 V

Controls and Dimming

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

MasterColor CDM-TC T4

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	UV-Block Quartz

Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	3 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

Pinch Temperature (Max)	300 °C

Product Data

Order product name	MasterColor CDM-TC 35W/830 G8.5 T4 CL
EAN/UPC - Product	046677373726
Order code	928085205115
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928085205115
Net Weight (Piece)	0.010 kg
ILCOS Code	MT/UB-35/830-H-G8.5-17/85

Dimensional drawing

CDM-TC 35W/830 G8.5

Product	D	D	O	L	L	L	C
MasterColor CDM-TC 35W/830 G8.5 T4 CL	15 mm	0.5 in	5 mm	51 mm	53 mm	52 mm	85 mm