



# 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		Luminous Efficacy (rated) (Nom)	
Cap-Base	G12 [ G12]		79 lm/W
Bulb Shape	T6 [ Diameter: 6/8 inch/19 mm]	Color Rendering Index (Nom)	81
Operating Position	Universal [ Universal]	<b>Operating and Electrical</b>	
Life To 5% Failures (Nom)	9000 h	Power (Rated) (Nom)	39 W
Life To 10% Failures (Nom)	10000 h	Lamp Current Run-Up (Max)	0.8 A
Life To 20% Failures (Nom)	11000 h	Lamp Current (EM) (Nom)	0.53 A
Life To 50% Failures (Nom)	12000 h	Ignition Supply Voltage (Max)	198 V
ANSI Code HID	C130/E	Ignition Peak Voltage (Max)	5000 V
<b>Light Technical</b>		Ignition Supply Voltage (Min)	198 V
Color Code	830 [ CCT of 3000K]	Ignition Peak Voltage (Min)	3500 V
Luminous Flux (Rated) (Nom)	3000 lm	Re-Ignition Time (Min) (Max)	15 min
Color Designation	Warm White (WW)	Ignition Time (Max)	30 s
Lumen Maintenance 10000 h (Nom)	50 %	Voltage (Max)	96 V
Lumen Maintenance 2000 h (Min)	70 %	Voltage (Min)	80 V
Lumen Maintenance 2000 h (Nom)	80 %	Voltage (Nom)	88 V
Lumen Maintenance 5000 h (Min)	60 %	<b>Controls and Dimming</b>	
Lumen Maintenance 5000 h (Nom)	70 %	Dimmable	No
Chromaticity Coordinate X (Nom)	0.428	Run-Up Time 90% (Max)	3 min
Chromaticity Coordinate Y (Nom)	0.397		
Correlated Color Temperature (Nom)	3000 K		

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## Mechanical and Housing

Bulb Finish	Clear (CL)
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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

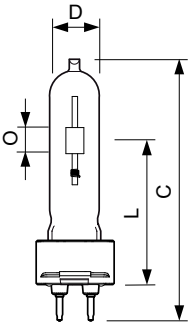
Bulb Temperature (Max)	500 °C
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Cap-Base Temperature (Max)	280 °C
Pinch Temperature (Max)	350 °C

## 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

## Dimensional drawing



CDM-T 35W/830 G12

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

