



Simply irresistible. Superior light quality from start to finish

MasterColor CDM-T T6

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.

Benefits

- Energy-efficient alternative to incandescent/halogen.
- Improved lumen maintenance over standard metal halide.
- A compact solution for retail displays.

Features

- Universal burning position.
- 81-85 CRI (color rendering index)
- Color stability over life within $\pm 200\text{K}$.
- Lamp to lamp color consistency over life.
- Lamps feature FadeBlock, an integrated UV blocking medium for reduced fading of fabrics and paintings.
- 22W, 39W, 70W and 150W versions.

Application

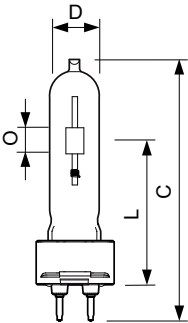
- Ideal for retail display lighting, general and indirect lighting, wall washing and fiberoptic systems.

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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)

Dimensional drawing



Product	D (max)	D	O	L (min)	L (max)	L	C (max)
CDM-T 35W/830 G12 T6 CL	20 mm	0.75 inch	5 mm	55 mm	57 mm	56 mm	103 mm
CDM-T 70W/830 G12 T6 CL	20 mm	0.75 inch	7 mm	55 mm	57 mm	56 mm	103 mm
CDM-T 70W/942 G12 T6 CL	20 mm	0.75 inch	6 mm	55 mm	57 mm	56 mm	103 mm
CDM150/T6/830 12PK	20 mm	0.75 inch	9 mm	55 mm	57 mm	56 mm	110 mm
CDM150/T6/942 12PK	20 mm	0.75 inch	8 mm	55 mm	57 mm	56 mm	110 mm

General Information	
Cap-Base	G12
Operating Position	UNIVERSAL
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T19

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
		Coordinate X (Nom)	Coordinate Y (Nom)			
928082305115	CDM-T 70W/830 G12 T6 CL	0.432	0.395	Warm White (WW) 3000 K	84	85 lm/W
928083105115	CDM-T 35W/830 G12 T6 CL	0.428	0.397	Warm White (WW) 3000 K	83	79 lm/W
928083705115	CDM150/T6/830 12PK	0.436	0.396	Warm White (WW) 3000 K	88	88 lm/W
928084505115	CDM-T 70W/942 G12 T6 CL	0.377	0.376	Cool White (CW) 4200 K	92	85 lm/W
928084605115	CDM150/T6/942 12PK	0.375	0.363	Cool White (CW) 4200 K	96	82 lm/W

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928082305115	CDM-T 70W/830 G12 T6 CL	88 V	73.2 W
928083105115	CDM-T 35W/830 G12 T6 CL	82 V	39.1 W
928083705115	CDM150/T6/830 12PK	96 V	150.1 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928084505115	CDM-T 70W/942 G12 T6 CL	88 V	73.2 W
928084605115	CDM150/T6/942 12PK	90 V	150.1 W

Approval and Application

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Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
928082305115	CDM-T 70W/830 G12 T6 CL	80 kWh	4.6 mg
928083105115	CDM-T 35W/830 G12 T6 CL	43 kWh	3.1 mg
928083705115	CDM150/T6/830 12PK	162 kWh	14.3 mg
928084505115	CDM-T 70W/942 G12 T6 CL	80 kWh	6.1 mg
928084605115	CDM150/T6/942 12PK	162 kWh	10.4 mg

