PHILIPS

MasterColor CDM-T T6

D_CDMT



Simply irresistable. Superior light quality from start to finish

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.

Applications

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

Features

- Universal burning position.
- 81-85 CRI (color rendering index)
- Color stability over life within ± 200K.
- Lamp to lamp color consistency over life.

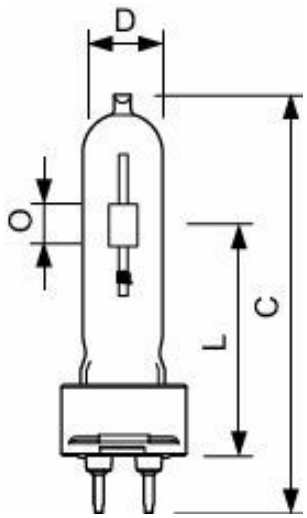
- Lamps feature FadeBlock, an integrated UV blocking medium for reduced fading of fabrics and paintings.
- 22W, 39W, 70W and 150W versions.
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. 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)

Versions



LPPR CDM-T 0005

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 [Any or Universal (U)]

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T19

Light Technical

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

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Voltage (Nom)
928082305115	CDM-T 70W/830 G12 T6 CL	73.2 W	88 V
928083105115	CDM-T 35W/830 G12 T6 CL	39.1 W	82 V
928083705115	CDM150/T6/830 12PK	150.1 W	96 V
928084505115	CDM-T 70W/942 G12 T6 CL	73.2 W	88 V
928084605115	CDM150/T6/942 12PK	150.1 W	90 V

Approval and Application

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

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