PHILIPS

MasterColor CDM-TC T4 Elite

D_CDMTCE



A compact solution for retail

Philips MasterColor CDM Evolution 3000K Tubular Single-Ended. T4 Lamp is the next evolution of MasterColor.

Benefits

- Color stability over life within ± 200K
- Excellent color with 90 CRI (color rendering index)
- Color stability over life within +/- 200K
- Lamp-to-lamp color consistency over lifeHigh lamp efficacy (up to 112 LPW)
- Up to 33% better initial efficacy than existing MasterColor T4 lamps*
- 20,000 hours rated average life†
- 80% lumen maintenance at 15,000 hours

- * Based on a MasterColor Evolution 3000K Tubular Single-Ended T4 39W lamp with 4400 initial lumens vs. a CDM T4 35W lamp with 3,300 initial lumens.
- † Rated average life is the life obtained, on the average, from large representative groups of lamps in laboratory tests under controlled conditions at 10 or more operating hours per start. It is based on survival of at least 50% of the lamps and allows for individual lamps or groups of lamps to vary considerably from the average.

Applications

- Ideal for retail display lighting and accent lighting

Features

- Universal operating position
- Dimensions, base and light center length are same as MasterColor and MasterColor Elite T4 lamps
- Features FadeBlock—an integrated UV blocking medium for reduced fading of fabrics and paintings
- Available in new 20W and 39W lamps
- 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-TC 0001

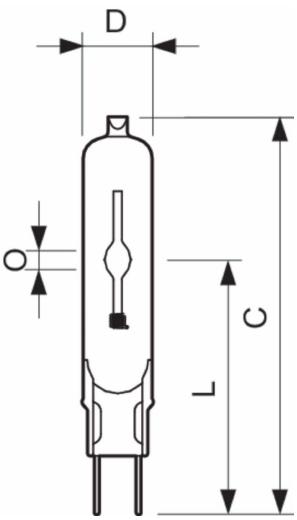


LPPR_CDMTC-E_0001-Product photo

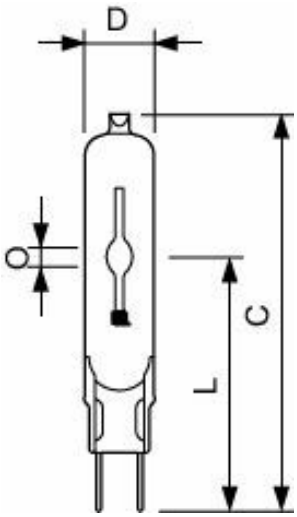


LPPR_CDMTC-E_0002-Product photo

Dimensional drawing



Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	15 mm	7.15 mm	51 mm	53 mm	52 mm	85 mm
MASTERColor CDM-TC Elite 35W/930 G8.5	15 mm	4.8 mm	51 mm	53 mm	52 mm	85 mm



Product	D (max)	D	O	L (min)	L (max)	L	C (max)
CDM20/TC/830 Elite	15 mm	0.55 inch	4 mm	51 mm	53 mm	52 mm	85 mm

General Information

Cap-Base	G8.5
Operating Position	UNIVERSAL [Any or Universal (U)]

Light Technical

Luminous Flux	7,800 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	UV-Block Quartz
Bulb Shape	T14

Approval and Application

Mercury (Hg) Content (Max)	6.6 mg

Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
928183405115	CDM20/TC/830 Elite	0.434	0.391	87 lm/W	85
928189105115	MASTERColor CDM-TC Elite 35W/930 G8.5	0.435	0.396	102 lm/W	90
928189505131	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	0.434	0.398	107 lm/W	90

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Voltage (Nom)
928183405115	CDM20/TC/830 Elite	20.1 W	95 V
928189105115	MASTERColor CDM-TC Elite 35W/930 G8.5	39.1 W	85 V
928189505131	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	73.2 W	85 V

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)	Energy Consumption kWh/1000 h
928183405115	CDM20/TC/830 Elite	3.5 mg	22 kWh
928189105115	MASTERColor CDM-TC Elite 35W/930 G8.5	4.7 mg	43 kWh
928189505131	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	6.6 mg	74 kWh

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