



A compact solution for retail

MasterColor CDM-TC T4 Elite

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

Benefits

- Color stability over life within $\pm 200\text{K}$
- Excellent color with 90 CRI (color rendering index)
- Color stability over life within $\pm 200\text{K}$
- Lamp-to-lamp color consistency over life
- High 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.

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

Application

- Ideal for retail display lighting and accent lighting

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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)

Versions



LPPR CDM-TC 0001

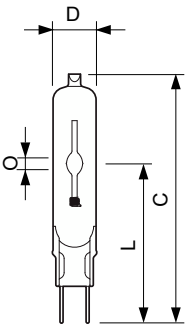
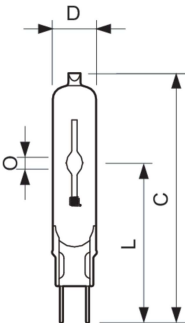


LPPR_CDMTC-E_0001-Product photo



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

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General Information	
Cap-Base	G8.5
Operating Position	UNIVERSAL
Light Technical	
Color Designation	Warm White (WW)
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T14

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Correlated Color	Color rendering	Luminous Efficacy	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)	Temperature (Nom)	index (CRI)	(rated) (Nom)	
928183405115	CDM20/TC/830 Elite	0.434	0.391	-	85	87 lm/W	-
928189105115	MASTERCOLOR CDM-TC Elite 35W/930 G8.5	0.435	0.396	3000 K	90	102 lm/W	-
928189505131	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	0.434	0.398	3000 K	90	107 lm/W	7,800 lm

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928183405115	CDM20/TC/830 Elite	95 V	20.1 W
928189105115	MASTERCOLOR CDM-TC Elite 35W/930 G8.5	85 V	39.1 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928189505131	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	85 V	73.2 W

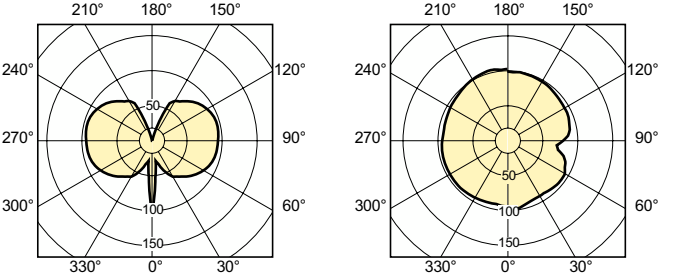
Mechanical and Housing

Order Code	Full Product Name	Bulb Material
928183405115	CDM20/TC/830 Elite	UV-Block Quartz
928189105115	MASTERCOLOR CDM-TC Elite 35W/930 G8.5	-

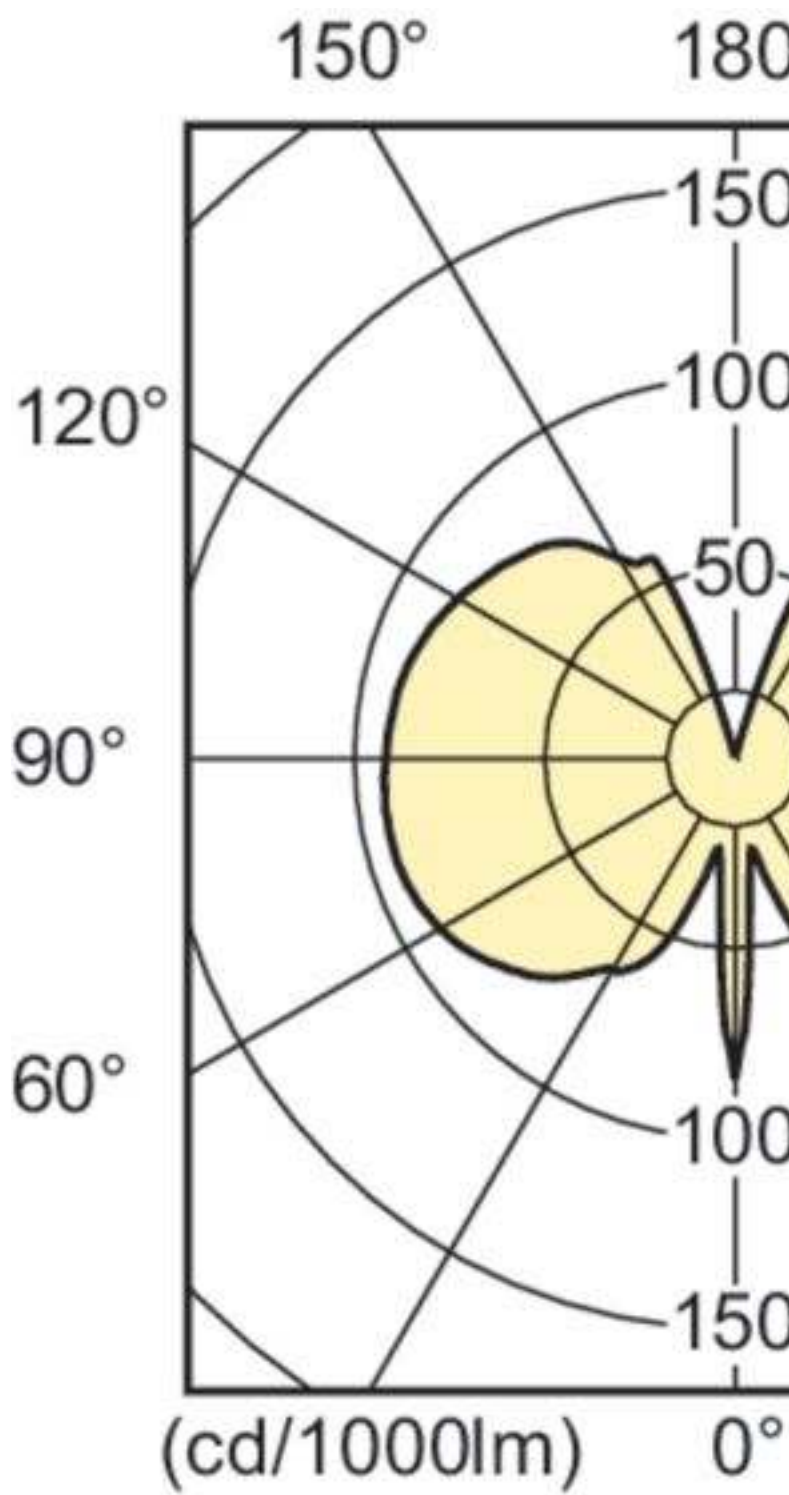
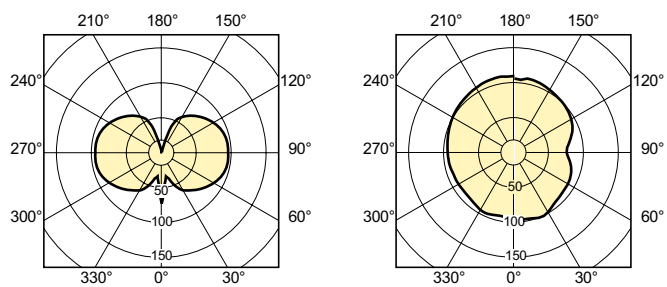
Order Code	Full Product Name	Bulb Material
928189505131	MASTERC CDM-TC Elite 70W/930 G8.5 1CT/12	-

Approval and Application

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



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