



# Simply irresistible. Superior light quality from start to finish

## MasterColor CDM-TC T4

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 T4 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.
- Lamp to lamp color consistency over life.

### Features

- 90 CRI (color rendering index)
- High lamp efficacy (up to 104LPW)
- Vertical position  $\pm 60^\circ$  (39W); Universal operating position (70W)
- Dimensions, base and light center length are same as MasterColor.
- Features FadeBlock™—an integrated UV blocking medium for reduced fading of fabrics and paintings.
- 39W and 70 Watt versions.

### Application

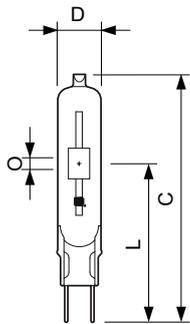
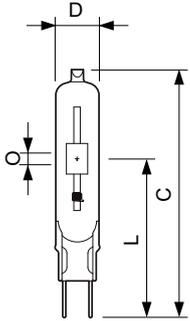
- Ideal for retail display lighting, and accent lighting.

# MasterColor CDM-TC T4

## 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-TC 35W/830 G8.5 T4 CL	15 mm	0.5 inch	5 mm	51 mm	53 mm	52 mm	85 mm

Product	D (max)	D	O	L (min)	L (max)	L	C (max)
CDM-TC 70W/830 G8.5 T4 CL	15 mm	0.5 inch	7 mm	51 mm	53 mm	52 mm	85 mm

General Information	
Cap-Base	G8.5
Operating Position	UNIVERSAL
Light Technical	
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

## Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
928085205115	CDM-TC 35W/830 G8.5 T4 CL	0.432	0.394	81	79 lm/W
928086505115	CDM-TC 70W/830 G8.5 T4 CL	0.439	0.398	83	86 lm/W

## Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption	Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928085205115	CDM-TC 35W/830 G8.5 T4 CL	88 V	39.1 W	928086505115	CDM-TC 70W/830 G8.5 T4 CL	83 V	73.2 W

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## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
928085205115	CDM-TC 35W/830 G8.5 T4 CL	43 kWh	3.1 mg
928086505115	CDM-TC 70W/830 G8.5 T4 CL	80 kWh	4.6 mg



