



# MasterColor CDM-TC T4

# MasterColor CDM-TC 70W/830 G8.5 T4 CL

MasteColor 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.

#### **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)
- · Lamp contains mercury.
- · Manage in Accord with Disposal Laws.
- See: www.lamprecycle.org or 1-800-555-0050

#### **Product data**

General Information				
Cap-Base	G8.5			
Operating Position	UNIVERSAL [Any or Universal (U)]			
Life to 50% Failures (Nom)	12,000 hour(s)			
Light Technical				
Color Code	830 [CCT of 3000K]			
Color Designation	Warm White (WW)			
Chromaticity Coordinate X (Nom)	0.439			
Chromaticity Coordinate Y (Nom)	0.398			
Correlated Color Temperature (Nom)	3000 K			

Luminous Efficacy (rated) (Nom)	86 lm/W
Color rendering index (CRI)	83
Arc Length O (Nom)	7 mm
Operating and Electrical	
Power Consumption	73.2 W
Voltage (Nom)	83 V
Voltage (Nom)	83 V

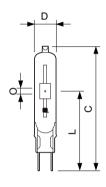
Datasheet, 2023, September 5 data subject to change

## MasterColor CDM-TC T4

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 (Nom)	4.6 mg			
Energy Consumption kWh/1000 h	80 kWh			

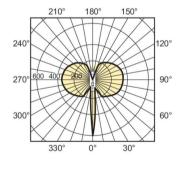
Product Data				
Order product name	CDM-TC 70W/830 G8.5 T4 CL			
Full product name	MasterColor CDM-TC 70W/830 G8.5 T4 CL			
Order code	373738			
Material Nr. (12NC)	928086505115			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	046677373733			
Numerator - Packs per outer box	12			
EAN/UPC - Case	50046677373738			

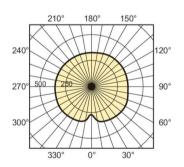
## Dimensional drawing

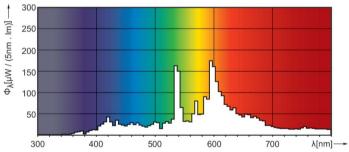


Product	D (max)	D	0	L (min)	L (max)	L	C (max)
CDM-TC	5/8 inch	0.5	5/16	2-1/16	2-1/8	2-1/16	3-3/8
70W/830 G8.5		inch	inch	inch	inch	inch	inch
T4 CL							

#### Photometric data





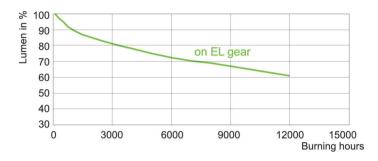


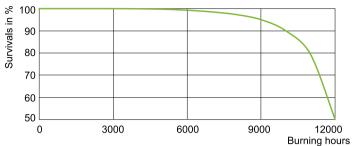
Light Distribution Diagram - CDM-TC 70W/830 G8.5 T4 CL

Spectral Power Distribution Colour - CDM-TC 70W/830 G8.5 T4 CL

## MasterColor CDM-TC T4

#### Lifetime





Lumen Maintenance Diagram - CDM-TC 70W/830 G8.5 T4 CL

Life Expectancy Diagram - CDM-TC 70W/830 G8.5 T4 CL



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