



# MasterColor CDM-TC T4 Elite

# MASTERColor CDM-TC ELITE 70W/930 G8.5

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

### 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 [G8.5]				
Operating Position	UNIVERSAL [Any or Universal (U)]				
Life to 50% Failures (Nom)	20,000 hour(s)				
Light Technical					
Color Code	930 [CCT of 3000K]				
Color Designation	Warm White (WW)				
Chromaticity Coordinate X (Nom)	0.435				
Chromaticity Coordinate Y (Nom)	0.396				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	107 lm/W				
Color rendering index (CRI)	90				
Life to 50% Failures (Nom)  Light Technical  Color Code  Color Designation  Chromaticity Coordinate X (Nom)  Chromaticity Coordinate Y (Nom)  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)	20,000 hour(s)  930 [CCT of 3000K]  Warm White (WW)  0.435  0.396  3000 K  107 lm/W				

Arc Length O (Nom)	7.15 mm
Operating and Electrical	
Power Consumption	73.2 W
Voltage (Nom)	85 V
Voltage (Nom)	85 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

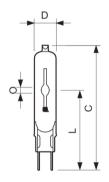
Datasheet, 2023, May 15 data subject to change

# MasterColor CDM-TC T4 Elite

Bulb Shape	T14 [T 14 mm]				
Approval and Application					
Mercury (Hg) Content (Nom)	6.6 mg				
Energy Consumption kWh/1000 h	80 kWh				
Product Data					
Order product name	MASTERColor CDM-TC ELITE 70W/930 G8.5				
Full product name	MASTERColor CDM-TC ELITE 70W/930 G8.5				

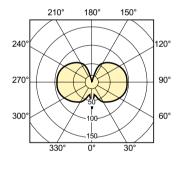
Order code	409177
Material Nr. (12NC)	928189505115
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677409173
Numerator - Packs per outer box	12
EAN/UPC - Case	50046677409178

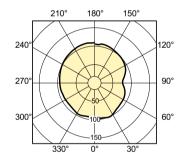
# Dimensional drawing



Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERColor CDM-TC ELITE	15 mm	7.15 mm	51 mm	53 mm	52 mm	85 mm
70W/930 G8.5						

## Photometric data







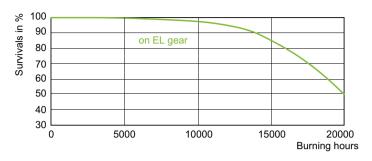
Light Distribution Diagram - MASTERColor CDM-TC ELITE 70W/930 G8.5

Spectral Power Distribution Colour - MASTERColor CDM-TC ELITE 70W/930 G8.5

# MasterColor CDM-TC T4 Elite

### Lifetime





Lumen Maintenance Diagram - MASTERColor CDM-TC ELITE 70W/930 G8.5

Life Expectancy Diagram - MASTERColor CDM-TC ELITE 70W/930 G8.5



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