



# 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

## 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

**PHILIPS**

Related products



CDM-TC Elite 35W /930 /942

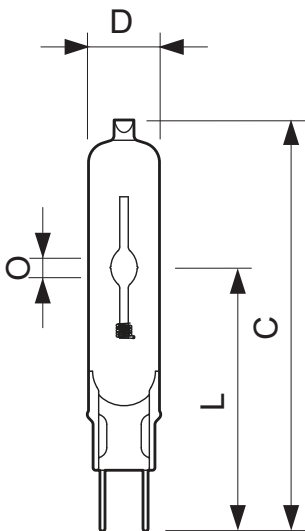


CDM-TC Elite 70W /930 /942 + CDM-TC Fresh 70W



CDM-TC 50W /930, /942

Dimensional drawing



MasterColor CDM-TC T4 Elite 50W/942 1CT

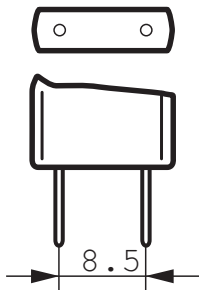
Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
CDM-TC Elite 50W/942 G8.5	85	15	51	52	53	6
CDM-TC ACCENT 35W/930 G8.5	85	15	51	52	53	4.8
CDM-TC ACCENT 70W/930 G8.5	85	15	51	52	53	7.15
CDM-TC ACCENT 50W/930 G8.5	85	15	51	52	53	6
CDM-TC ACCENT 70W/942 G8.5	85	15	51	52	53	7.15

General Characteristics

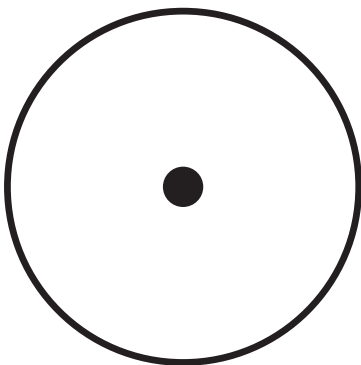
Order code	Full product name	Base	Bulb	Bulb Finish	Operating Position
928189105115	MasterColor CDM-TC T4 Elite 35W/930 CL	G8.5	T4	Clear	Universal
928189505115	MasterColor CDM-TC T4 Elite 70W/930 1CT	G8.5	T4	Clear	Universal
928193905115	MasterColor CDM-TC T4 Elite 70W/942 1CT	G8.5	T4	Clear	Universal

Order code	Full product name	Base	Bulb	Bulb Finish	Operating Position
928080115117	MasterColor CDM-TC T4 Elite 50W/942 1CT	G8.5	T4	Clear	Universal
928191805115	MasterColor CDM-TC T4 Elite 50W/930 1CT	G8.5	T4	Clear	Universal

Installation diagrams



G8.5



any

Light Technical Characteristics (1/2)

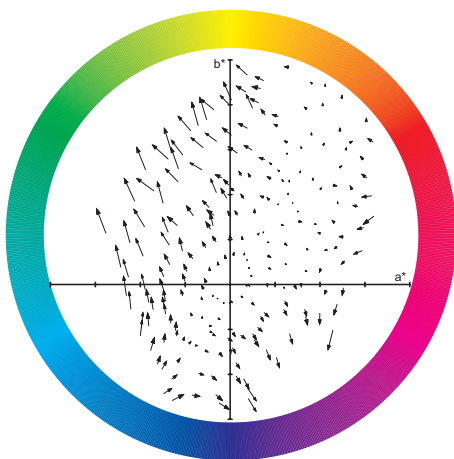
Order code	Full product name	Color Code	Color Rendering Index	Color Designation	Color Temperature	Initial Lumens	Luminous Efficacy Lamp EL	Lumen Maintenance EL 2000h	Lumen Maintenance EL 5000h	Lumen Maintenance EL 10000h	Lumen Maintenance EL 12000h
928189105115	MasterColor CDM-TC T4 Elite 35W/930 CL	930	87 (min), 90 (nom) Ra8	Warm White	3000 K	4000 Lm	102 Lm/W	93 %	88 %	80 %	78 %
928189505115	MasterColor CDM-TC T4 Elite 70W/930 1CT	930	87 (min), 90 (nom) Ra8	Warm White	3000 K	7700 Lm	105 Lm/W	95 %	88 %	83 %	82 %
928193905115	MasterColor CDM-TC T4 Elite 70W/942 1CT	942	87 (min), 90 (nom) Ra8	Cool White	4200 K	7400 Lm	101 Lm/W	92 %	86 %	77 %	76 %
928080115117	MasterColor CDM-TC T4 Elite 50W/942 1CT	942	90 Ra8	Cool White	4200 K	5000 Lm	100 Lm/W	92 %	86 %	77 %	76 %
928191805115	MasterColor CDM-TC T4 Elite 50W/930 1CT	930	87 (min), 90 (nom) Ra8	Warm White	3000 K	5400 Lm	106 Lm/W	95 %	88 %	83 %	82 %

Light Technical Characteristics (2/2)

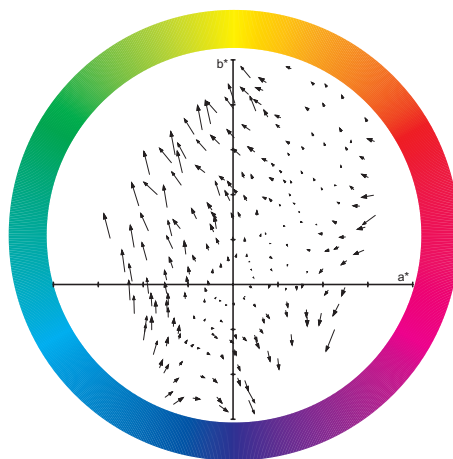
Order code	Full product name	Chromaticity Coordinate X	Chromaticity Coordinate Y
928189105115	MasterColor CDM-TC T4 Elite 35W/930 CL	0.435 -	0.396 -
928189505115	MasterColor CDM-TC T4 Elite 70W/930 1CT	0.435 -	0.396 -
928193905115	MasterColor CDM-TC T4 Elite 70W/942 1CT	0.371 -	0.366 -

Order code	Full product name	Chromaticity Coordinate X	Chromaticity Coordinate Y
928080115117	MasterColor CDM-TC T4 Elite 50W/942 1CT	0.375 -	0.367 -
928191805115	MasterColor CDM-TC T4 Elite 50W/930 1CT	0.435 -	0.396 -

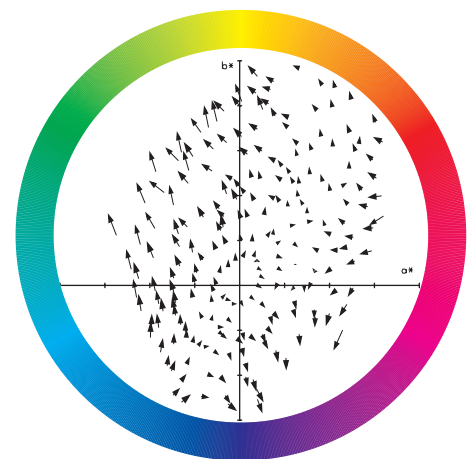
Light technical



CDM-TC Elite 35W /930

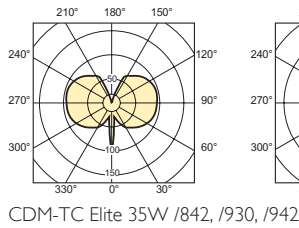
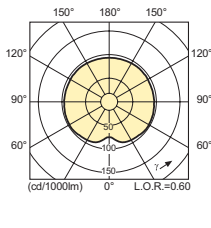
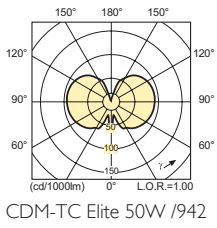


CDM-TC Elite 70W /930



CDM-TC Elite 50W /930

Light technical

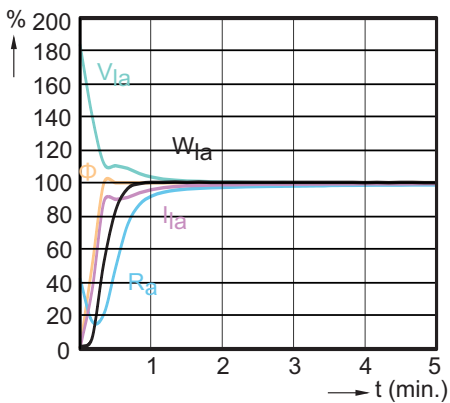
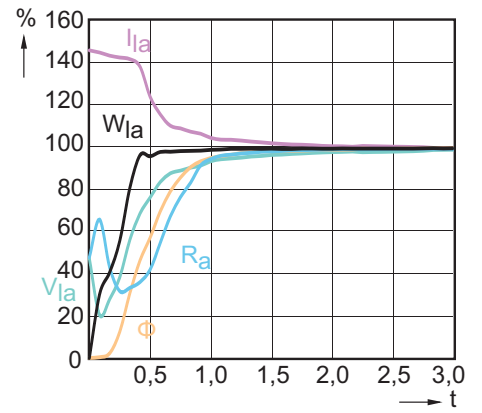
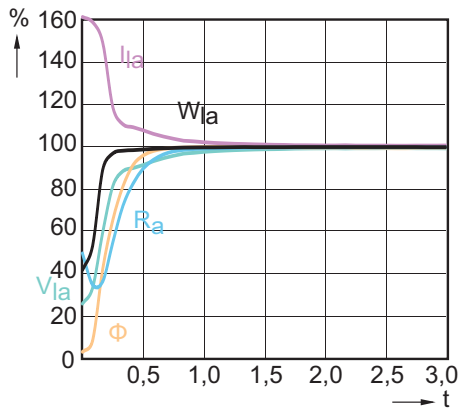
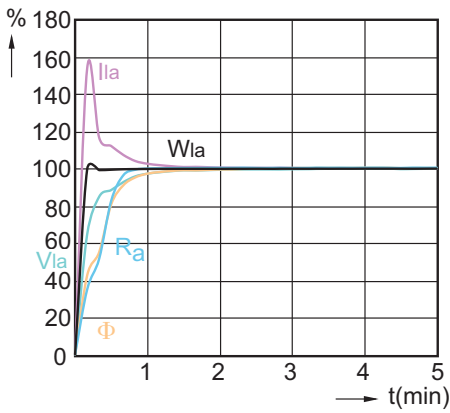


Electrical Characteristics

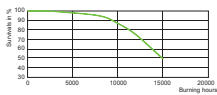
Order code	Full product name	Energy Used	Lamp Voltage	Lamp Current EL	Dimmable
928189105115	MasterColor CDM-TC T4 Elite 35W/930 CL	35 W	85 V	0.460 A	No
928189505115	MasterColor CDM-TC T4 Elite 70W/930 1CT	70 W	85 V	0.86 A	No
928193905115	MasterColor CDM-TC T4 Elite 70W/942 1CT	70 W	84 V	0.89 A	No

Order code	Full product name	Energy Used	Lamp Voltage	Lamp Current EL	Dimmable
928080115117	MasterColor CDM-TC T4 Elite 50W/942 1CT	50 W	85 V	0.58 A	No
928191805115	MasterColor CDM-TC T4 Elite 50W/930 1CT	50 W	90 V	0.59 A	No

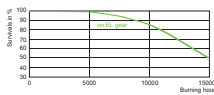
Performance diagrams



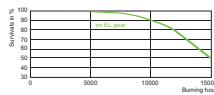
Performance diagrams



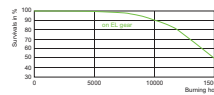
CDM-TC Elite 50W / 930, /942



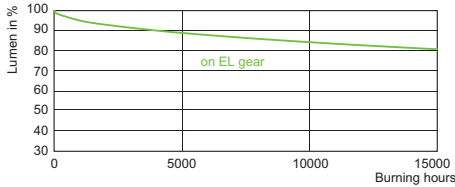
CDM-TC Elite 35W /930



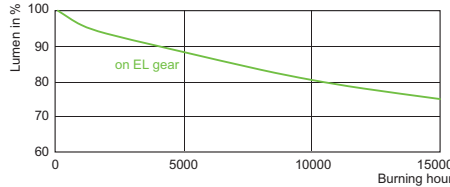
CDM-TC Elite 70W /930



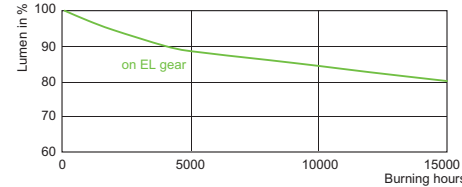
CDM-TC Elite 70W /942



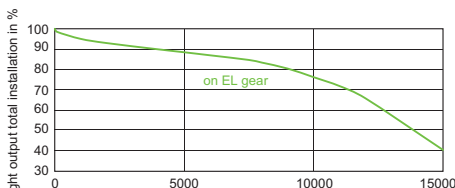
CDM-TC Elite 50W, 70W /942



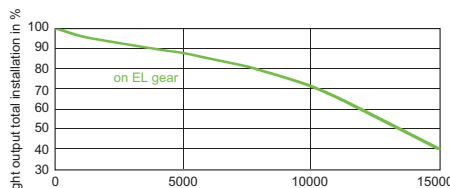
CDM-TC Accent 35W /930



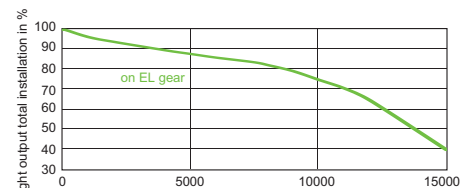
CDM-TC Accent 50W & 70W /930



CDM-T Elite 50W, 70W /942



CDM-TC Elite 35W /930



CDM-TC Elite 70W /930

Environmental Characteristics

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content	Energy consumption kWh/1000h
928189105115	MasterColor CDM-TC T4 Elite 35W/930 CL	A+	4.7 mg	42 kWh
928189505115	MasterColor CDM-TC T4 Elite 70W/930 1CT	A+	6.6 mg	80 kWh
928193905115	MasterColor CDM-TC T4 Elite 70W/942 1CT	A+	6 mg	80 kWh
928080115117	MasterColor CDM-TC T4 Elite 50W/942 1CT	A+	5.4 mg	55 kWh
928191805115	MasterColor CDM-TC T4 Elite 50W/930 1CT	A+	6.4 mg	55 kWh

Luminaire Design Requirements

Order code	Full product name	Bulb Temperature
928189105115	MasterColor CDM-TC T4 Elite 35W/930 CL	500 (max) C
928189505115	MasterColor CDM-TC T4 Elite 70W/930 1CT	550 (max) C
928193905115	MasterColor CDM-TC T4 Elite 70W/942 1CT	500 (max) C
928080115117	MasterColor CDM-TC T4 Elite 50W/942 1CT	550 (max) C
928191805115	MasterColor CDM-TC T4 Elite 50W/930 1CT	550 (max) C



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data subject to change