



Simply irresistible. Superior light quality from start to finish

MasterColor® CDM-TC T4

The Elite family is at the very top of the MasterColor® CDM range, and gives a unique combination of unbeatable light quality and consistent performance over lifetime. While keeping running costs low. The Philips MasterColor® 3000KTubular 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.

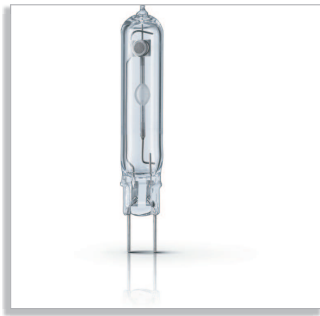
Features

- 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.

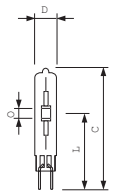
Application

- Ideal for retail display lighting, and accent lighting.

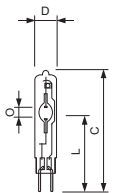
Related products



Dimensional drawing



Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Min)	O (Norm)	O (Max)
CDM-TC 35W/830 G8.5	85	15	51	52	53	-	5	-
CDM-TC 35W/830 G8.5	85	15	51	52	53	-	5	-
CDM-TC 70W/830 G8.5	85	15	51	52	53	-	7	-
CDM-TC 70W/942 G8.5	85	15	51	52	53	-	5	-
CDM-TC 35W/842 G8.5	85	15	51	52	53	-	5	-



CDM-TC 20W

Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Min)	O (Norm)	O (Max)
CDM-TC 20W/830 G8.5	85	15	51	52	53	-	3	-

Compare table

Order code	Full product name	Bulb	Bulb Material	Bulb Finish	Base	Operating Position	Color Code	Color Designation	Lamp Wattage	Lamp Wattage EM	Lamp Wattage EL
928197305117	MasterColor CDM-TC 20W/830 T4 1CT	T4	FadeBlock Quartz	Clear	G8.5	Universal	830	Warm White	20	-	22
928085205117	MASTERColour CDM-TC 35W/830 G8.5 T14 CL	T4	FadeBlock Quartz	Clear	G8.5	Universal	830	Warm White	35	38	38
928085205125	MASTERColour CDM-TC 35W/830 G8.5 1CT	T4	FadeBlock Quartz	Clear	G8.5	Universal	830	Warm White	35	38	38
928099905117	MasterColor CDM-TC 35W/842 T4 1CT	T4	FadeBlock Quartz	Clear	G8.5	Universal	842	Cool White	35	-	38
928086505117	MasterColor CDM-TC 70W/830 T4 CL 1CT	T4	FadeBlock Quartz	Clear	G8.5	Universal	830	Warm White	70	-	73
928094605117	MasterColor CDM-TC 70W/942 T4 CL 1CT	T4	FadeBlock Quartz	Clear	G8.5	Universal	942	Cool White	70	-	73

Compare table

Order code	Full product name	Initial Lumens	Initial Lumens	Lamp Voltage	Lamp Current EM	Lamp Current EL	Dimmable	Chromaticity Coordinate X	Chromaticity Coordinate Y	Color Rendering Index	Avg. Hrs. Life
928197305117	MasterColor CDM-TC 20W/830 T4 1CT	-	1650	100	-	0.22	No	0.432	0.387	82 (min), 85 (nom)	12000
928085205117	MASTERColour CDM-TC 35W/830 G8.5 T14 CL	3300	3300	88	0.53	0.47	No	0.432	0.394	81	12000
928085205125	MASTERColour CDM-TC 35W/830 G8.5 1CT	3300	3300	88	0.53	0.47	No	0.432	0.394	81	12000
928099905117	MasterColor CDM-TC 35W/842 T4 1CT	-	3000	85	-	0.46	No	0.370	0.365	85	12000
928086505117	MasterColor CDM-TC 70W/830 T4 CL 1CT	-	6500	83	-	0.87	No	0.439	0.398	80 (min), 83 (nom)	12000
928094605117	MasterColor CDM-TC 70W/942 T4 CL 1CT	-	5900	88	-	0.830	No	0.364	0.360	86 (min), 89 (nom)	12000

Compare table

Order code	Full product name	Avg. Life	Lumen Maintenance 10000h	Lumen Maintenance 2000h	Lumen Maintenance 5000h	Bulb Temperature	Luminous Efficacy Lamp EM	Luminous Efficacy Lamp EL	Color Temperature	Lumen Maintenance EL 10000h	Lumen Maintenance EM 10000h
928197305117	MasterColor CDM-TC 20W/830 T4 1CT	-	-	-	-	320	-	75	3000	59	-
928085205117	MASTERColour CDM-TC 35W/830 G8.5 T14 CL	10000	-	-	-	500	87	-	3000	50	35
928085205125	MASTERColour CDM-TC 35W/830 G8.5 1CT	10000	-	-	-	500	87	-	3000	50	35
928099905117	MasterColor CDM-TC 35W/842 T4 1CT	-	-	-	-	500	-	79	4200	70	-
928086505117	MasterColor CDM-TC 70W/830 T4 CL 1CT	-	-	-	-	550	-	89	3000	65	-
928094605117	MasterColor CDM-TC 70W/942 T4 CL 1CT	-	-	-	-	700	-	80	4200	65	-

Compare table

Order code	Full product name	Lumen Maintenance EL 5000h	Lumen Maintenance EM 5000h	Lumen Maintenance EL 2000h	Lumen Maintenance EM 2000h	Design Mean Lumens	Mercury (Hg) Content	Life to 10% failures EM	Life to 5% failures EL	Life to 5% failures EM	Life to 20% failures EL
928197305117	MasterColor CDM-TC 20W/830 T4 1CT	70	-	79	-	-	2.3	-	9000	-	11000
928085205117	MASTERColour CDM-TC 35W/830 G8.5 T14 CL	65	55	80	70	-	3	8000	6000	6000	9000
928085205125	MASTERColour CDM-TC 35W/830 G8.5 1CT	65	55	80	70	-	3	8000	6000	6000	9000
928099905117	MasterColor CDM-TC 35W/842 T4 1CT	80	-	85	-	-	2.7	-	6000	-	9000
928086505117	MasterColor CDM-TC 70W/830 T4 CL 1CT	75	-	85	-	-	4.5	-	6000	-	9000
928094605117	MasterColor CDM-TC 70W/942 T4 CL 1CT	75	-	80	-	-	7	-	6000	-	9000

Compare table

Order code	Full product name	Life to 20% failures EM	Life to 10% failures EL	Lumen Maintenance 12000h
928197305117	MasterColor CDM-TC 20W/830 T4 1CT	-	10000	-
928085205117	MASTERColour CDM-TC 35W/830 G8.5 T14 CL	9000	8000	-
928085205125	MASTERColour CDM-TC 35W/830 G8.5 1CT	9000	8000	-
928099905117	MasterColor CDM-TC 35W/842 T4 1CT	-	8000	-
928086505117	MasterColor CDM-TC 70W/830 T4 CL 1CT	-	8000	-
928094605117	MasterColor CDM-TC 70W/942 T4 CL 1CT	-	8000	-



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www.philips.com/lighting

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data subject to change