



MasterColor CDM-TC T4 Elite

MasterColor CDM-TC T4 Elite 70W/930 1CT

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

Product data

• General Characteristics

Base	G8.5
Bulb	T4 [T 14 mm]
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Life to 5% failures EL	9000 hr
Life to 10% failures EL	10000 hr
Life to 20% failures EL	12000 hr
Avg. Hrs. Life	15000 hr

• Light Technical Characteristics

Color Code	930 [CCT of 3000K]
Color Rendering Index	87 (min), 90 (nom) Ra8
Color Designation	Warm White
Color Temperature	3000 K
Color Temperature technical	2970 K
Initial Lumens	7700 Lm
Luminous Efficacy Lamp EL	105 Lm/W
Lumen Maintenance EL 2000h	95 %
Lumen Maintenance EL 5000h	88 %
Lumen Maintenance EL 10000h	83 %
Lumen Maintenance EL 12000h	82 %
Design Mean Lumens EL	6650 Lm
Chromaticity Coordinate X	0.435 -

Chromaticity Coordinate Y 0.396 -

• Electrical Characteristics

System Power EL	83 W
Watts	70 W
Lamp Wattage EL 25°C, Rated	73.0 W
Lamp Wattage EL 25°C, Nominal	70.0 W
Lamp Voltage	85 V
Lamp Current EL	0.86 A
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Re-ignition Time [min]	15 (max) min
Dimmable	No

• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	6.6 mg
Energy consumption kWh/1000h	80 kWh

• UV-related Characteristics

Damage Factor D/fc PET (NIOSH)	0.3 (max) - 8 (min) h500lx
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• Luminaire Design Requirements

Pinch Temperature	350 (max) C
Bulb Temperature	550 (max) C

PHILIPS

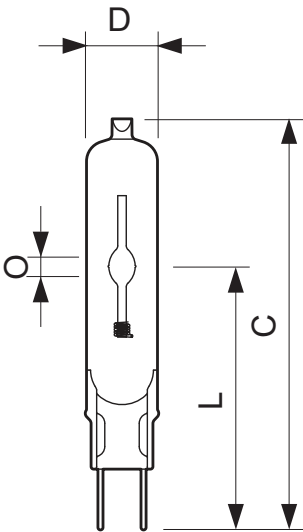
• Product Dimensions

Overall Length C	85 (max) mm
Diameter D	15 (max) mm
Light Center Length L	51 (min), 52 (nom), 53 (max) mm
Arc Length O	7.15 mm
Light Center Length L	2 (min), 2.45 (nom), 2.9 (max) in
Max Overall Length (MOL) - C	3.3 (max) in
Diameter D	0.6 (max) in

• Product Data

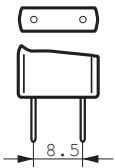
Product number	409177
Full product name	MasterColor CDM-TC T4 Elite 70W/930 1CT
Short product name	CDM70/TC/930 ELITE 12PK
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12
Bar code on pack	46677409173
Bar code on case	50046677409178
Logistics code(s)	928189505115
tpd_ilcos_cd	MT/UB-70/930-H-G8.5-17/85
eop_net_weight_pp	0.010 kg

Dimensional drawing



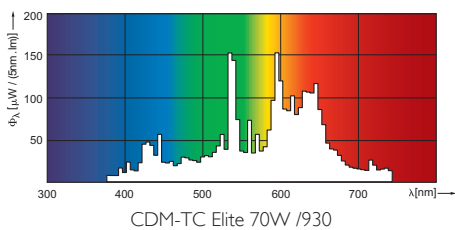
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Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
CDM-TC ACCENT 70W/930 G8.5	85	15	51	52	53	7.15



G8.5

Photometric data





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data subject to change