MasterColor CDM-TC T4 Elite

MASTERColor CDM-TC Elite 35W/930 G8.5

Philips MasterColor CDM Evolution 3000K Tubular Single-EndedT4 Lamp is the next evolution of MasterColor.

Product data

- General Information

Cap-Base	G8.5 [G8.5]
Bulb Shape	T4 [T4]
Operating Position	Universal [Universal]
Life To 5% Failures (Nom)	12000 h
Life To 10% Failures (Nom)	14000 h
Life To 20% Failures (Nom)	16000 h
Life To 50% Failures (Nom)	20000 h
ANSI Code HID	C130/E

- Light Technical

Color Code	930 [CCT of 3000K]
Luminous Flux (Rated) (Min)	3600 lm
Luminous Flux (Rated) (Nom)	4000 lm
Color Designation	Warm White (WW)
Lumen Maintenance 12000 h (Nom)	78 %
Lumen Maintenance 10000 h (Nom)	80 %
Lumen Maintenance 2000 h (Nom)	93 %
Lumen Maintenance 5000 h (Nom)	88 %
Chromaticity Coordinate X (Nom)	0.435
Chromaticity Coordinate Y (Nom)	0.396
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	102 lm/W
Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90

- Operating and Electrical

Power (Rated) (Nom)	39.0 W
Lamp Current Run-Up (Max)	1 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	198 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	90 V
Voltage (Min)	80 V
Voltage (Nom)	85 V

- Controls and Dimming

Dimmable	No
Run-Up Time 90% (Max)	3 min
Run-Up Time 90% (Nom)	1.5 min

- Mechanical and Housing

Bulb Finish	Clear (CL)

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- Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	4.7 mg
Energy Consumption kWh/1000 h	43 kWh

- UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.3

- Luminaire Design Requirements

Bulb Temperature (Max)	500 °C
Pinch Temperature (Max)	300 °C

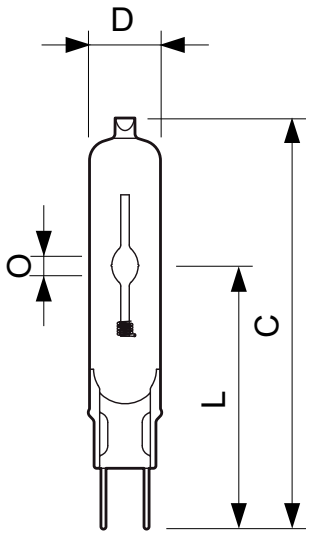
- Product Data

Order product name	MASTERColor CDM-TC Elite 35W/930 G8.5
EAN/UPC - Product	046677409166
Order code	409169
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928189105115
Net Weight (Piece)	0.009 kg
ILCOS Code	MT/UB-35/930-H-G8.5-17/85

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)

Dimensional drawing



CDM-TC Elite

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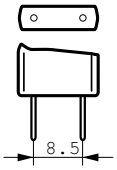
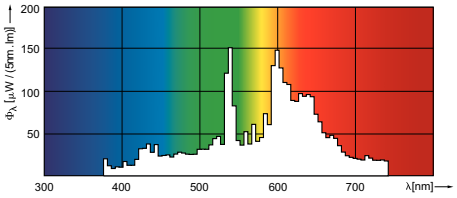
Product	D	O	L	L	L	C
MASTERColor CDM-TC Elite 35W/930 G8.5	15 mm	4.8 mm	51 mm	53 mm	52 mm	85 mm

Dimensional drawing



Photometric data



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