

PHILIPS

Lighting



MASTERColour CDM-TC Elite

MASTERColour CDM-TC Elite 50W/930 G8.5 1CT/12

Compact, single-ended, very high-efficiency, long-life ceramic metal-halide discharge lamp producing crisp white sparkling light with high color rendering

Product data

General Information

Cap-Base	G8.5 [G8.5]
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	-

Light Technical

Color Code	930 [CCT of 3000K]
Luminous Flux (Rated) (Min)	4900 lm
Luminous Flux (Rated) (Nom)	5400 lm
Color Designation	Warm White (WW)
Lumen Maintenance 12000 h (Nom)	82 %
Lumen Maintenance 10000 h (Nom)	83 %
Lumen Maintenance 2000 h (Nom)	95 %
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)	108 lm/W
Color Rendering Index (Min)	88
Color Rendering Index (Nom)	91

Operating and Electrical

Power (Rated) (Nom)	50.2 W
Lamp Current Run-Up (Max)	2 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)	96 V
Voltage (Min)	84 V
Voltage (Nom)	90 V

Controls and Dimming

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

MASTERCcolour CDM-TC Elite

Mechanical and Housing

Bulb Finish Clear

Approval and Application

Energy Efficiency Label (EEL) A+
 Mercury (Hg) Content (Nom) 6.6 mg
 Energy Consumption kWh/1000 h 55 kWh

UV

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

Luminaire Design Requirements

Bulb Temperature (Max) 550 °C
 Pinch Temperature (Max) 350 °C

Product Data

Full product code 872790093062700
 Order product name MASTERCcolour CDM-TC Elite 50W/930 G8.5 1CT/12
 EAN/UPC - Product 8727900930627
 Order code 928191805131
 Numerator - Quantity Per Pack 1
 Numerator - Packs per outer box 12
 Material Nr. (12NC) 928191805131
 Net Weight (Piece) 0.010 kg
 ILCOS Code MT/UB-50/930-H-G8.5-17/85

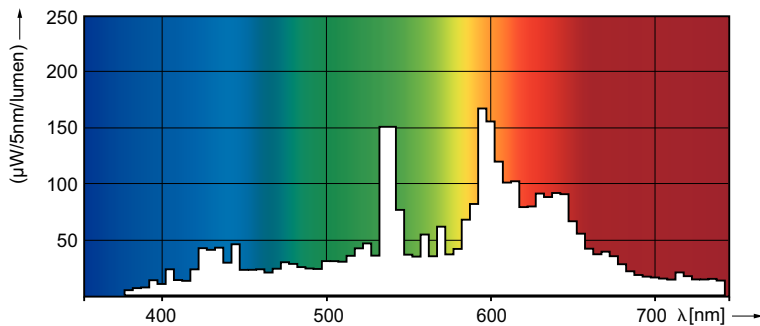
Dimensional drawing

D

Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERCcolour CDM-TC Elite 50W/930 G8.5 1CT/12	15 mm	6 mm	51 mm	53 mm	52 mm	85 mm

CDM-TC Elite 50W/930 G8.5

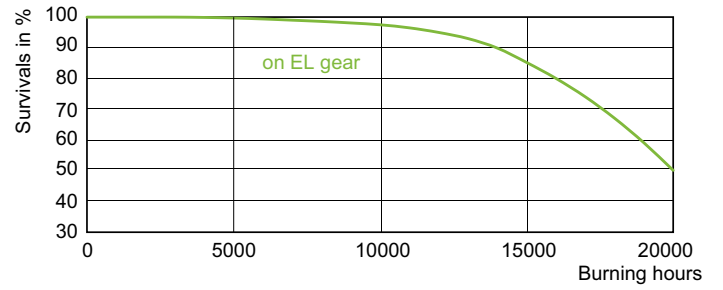
Photometric data



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Lifetime



CDM-TC Elite 50W & 70W Lumen Maintenance /930

CDM-TC Elite 35W, 50W, 70W Life Expectancy /930

