



Perfect sparkle, unrivalled efficiency

MASTERColour CDM-TC Elite

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

Benefits

Features

Application

Warnings and Safety

Versions



CDM-TC Elite 35W /930 /942



CDM-TC Elite 70W /930 /942



CDM-TC Elite 50W /930, /942

MASTERCcolour CDM-TC Elite

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
MASTERCcolour CDM-TC Elite 35W/930 G8.5 1CT/12	15 mm	4.8 mm	51 mm	53 mm	52 mm	85 mm
MASTERCcolour CDM-TC Elite 70W/930 G8.5 1CT/12	15 mm	7.15 mm	51 mm	53 mm	52 mm	85 mm

Approval and Application	
Energy Efficiency Label (EEL)	A+
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Re-ignition Time (Min) (Max)	15 min
General Information	
Cap-Base	G8.5
Life To 10% Failures (Nom)	14000 h
Life To 20% Failures (Nom)	16000 h
Life To 50% Failures (Nom)	20000 h
Life To 5% Failures (Nom)	12000 h
Operating Position	UNIVERSAL
Light Technical	
Chromaticity Coordinate X (Nom)	0.435
Chromaticity Coordinate Y (Nom)	0.396
Color Code	930
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K
Lumen Maintenance 5000 h (Nom)	88 %
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T4

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
928189105131	MASTERCcolour CDM-TC Elite 35W/930 G8.5 1CT/12	43 kWh	4.7 mg
928189505131	MASTERCcolour CDM-TC Elite 70W/930 G8.5 1CT/12	80 kWh	6.6 mg
928191805131	MASTERCcolour CDM-TC Elite 50W/930 G8.5 1CT/12	55 kWh	6.6 mg

Operating and Electrical

Order Code	Full Product Name	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Rated) (Nom)
928189105131	MASTERCcolour CDM-TC Elite 35W/930 G8.5 1CT/12	90 V	80 V	85 V	39.1 W
928189505131	MASTERCcolour CDM-TC Elite 70W/930 G8.5 1CT/12	90 V	80 V	85 V	73.2 W

Order Code	Full Product Name	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Rated) (Nom)
928191805131	MASTERCcolour CDM-TC Elite 50W/930 G8.5 1CT/12	96 V	84 V	90 V	50.2 W

MASTERCcolour CDM-TC Elite

Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
928189105131	MASTERCcolour CDM-TC Elite 35W/930 G8.5 1CT/12	500 °C
928189505131	MASTERCcolour CDM-TC Elite 70W/930 G8.5 1CT/12	550 °C

Order Code	Full Product Name	Bulb Temperature (Max)
928191805131	MASTERCcolour CDM-TC Elite 50W/930 G8.5 1CT/12	550 °C

Light Technical (1/2)

Order Code	Full Product Name	Color Rendering Index (Min)	Color Rendering Index (Nom)	Lumen Maintenance 10000 h (Nom)	Lumen Maintenance 12000 h (Nom)
		928189105131	MASTERCcolour CDM-TC Elite 35W/930 G8.5 1CT/12	87	90
928189505131	MASTERCcolour CDM-TC Elite	87	90	83 %	82 %

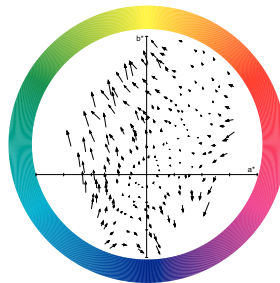
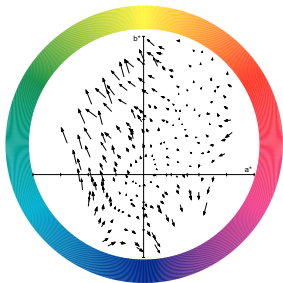
Order Code	Full Product Name	Color Rendering Index (Min)	Color Rendering Index (Nom)	Lumen Maintenance 10000 h (Nom)	Lumen Maintenance 12000 h (Nom)
		928191805131	MASTERCcolour CDM-TC Elite 50W/930 G8.5 1CT/12	88	91

Light Technical (2/2)

Order Code	Full Product Name	Lumen Maintenance 2000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Min)	Luminous Flux (Rated) (Nom)
		928189105131	MASTERCcolour CDM-TC Elite 35W/930 G8.5 1CT/12	93 %	102 lm/W
928189505131	MASTERCcolour CDM-TC Elite	95 %	107 lm/W	-	7800 lm

Order Code	Full Product Name	Lumen Maintenance 2000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Min)	Luminous Flux (Rated) (Nom)
		928191805131	MASTERCcolour CDM-TC Elite 50W/930 G8.5 1CT/12	95 %	108 lm/W

Colour Rendering Diagrams



LDCR_CDMTC-E_0002-Colour rendering diagram

MASTERColour CDM-TC Elite

