



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

- High-intensity beam of crisp white sparkling light makes merchandise look irresistible
- Stable color and lumen output over life keeps your store attractive season after season
- Lowest Total Cost of Ownership as a result of high efficacy (same light, less energy or same energy, more light) and long life

Features

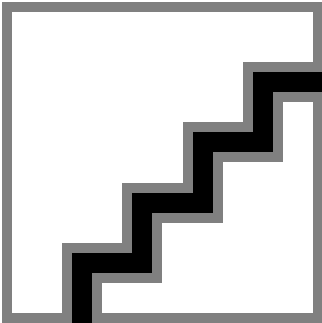
- Crisp white sparkling light
- Excellent color rendering, with extra red
- High efficacy with unparalleled lumen maintenance
- Stable color performance over lifetime
- UV-blocking glass

Application

- Accent and display lighting in retail
- General and decorative indoor lighting
- Outdoor area lighting

MASTERCLOUR CDM-TC Elite

Versions



CDM-TC Elite 50W /930, /942

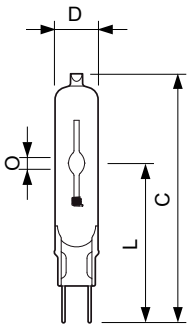


CDM-TC Elite 35W /930 /942



CDM-TC Elite 70W /930 /942

Dimensional drawing



Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERCLOUR CDM-TC Elite 50W/942 G8.5 1CT	15 mm	7.1 mm	51 mm	53 mm	52 mm	85 mm
MASTERCLOUR CDM-TC Elite 70W/930 G8.5 1CT/12	15 mm	7.15 mm	51 mm	53 mm	52 mm	85 mm
MASTERCLOUR CDM-TC Elite 35W/930 G8.5 1CT/12	15 mm	4.8 mm	51 mm	53 mm	52 mm	85 mm
MASTERCLOUR CDM-TC Elite 50W/930 G8.5 1CT/12	15 mm	6 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

Operating Position UNIVERSAL

Mechanical and Housing

Bulb Finish Clear

Bulb Shape T4

Approval and Application

MASTERCcolour CDM-TC Elite

Order Code	Full Product Name	Energy	Mercury (Hg)
		Consumption kWh/ 1000 h	Content (Nom)
928080115131	MASTERCcolour CDM-TC Elite 50W/942 G8.5 1CT	55 kWh	5.7 mg
928191805131	MASTERCcolour CDM-TC Elite 50W/930 G8.5 1CT/12	55 kWh	6.6 mg

Order Code	Full Product Name	Energy	Mercury (Hg)
		Consumption kWh/ 1000 h	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

Operating and Electrical

Order Code	Full Product Name	Voltage	Voltage	Voltage	Power
		(Max)	(Min)	(Nom)	(Rated) (Nom)
928080115131	MASTERCcolour CDM-TC Elite 50W/942 G8.5 1CT	99 V	87 V	93 V	50.0 W
928191805131	MASTERCcolour CDM-TC Elite 50W/930 G8.5 1CT/12	96 V	84 V	90 V	50.0 W
928189105131	MASTERCcolour CDM-TC Elite 35W/930 G8.5 1CT/12	90 V	80 V	85 V	39.0 W

Order Code	Full Product Name	Voltage	Voltage	Voltage	Power
		(Max)	(Min)	(Nom)	(Rated) (Nom)
928189505131	MASTERCcolour CDM-TC Elite 70W/930 G8.5 1CT/12	90 V	80 V	85 V	73.0 W

General Information

Order Code	Full Product Name	Life To	Life To	Life To	Life To
		10% Failures (Nom)	20% Failures (Nom)	50% Failures (Nom)	Life To 5% Failures (Nom)
928080115131	MASTERCcolour CDM-TC Elite 50W/942 G8.5 1CT	10000 h	12000 h	15000 h	9000 h
928191805131	MASTERCcolour CDM-TC Elite 50W/930 G8.5 1CT/12	14000 h	16000 h	20000 h	12000 h

Order Code	Full Product Name	Life To	Life To	Life To	Life To
		10% Failures (Nom)	20% Failures (Nom)	50% Failures (Nom)	Life To 5% Failures (Nom)
928189105131	MASTERCcolour CDM-TC Elite 35W/930 G8.5 1CT/12	14000 h	16000 h	20000 h	12000 h
928189505131	MASTERCcolour CDM-TC Elite 70W/930 G8.5 1CT/12	14000 h	16000 h	20000 h	12000 h

Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
928080115131	MASTERCcolour CDM-TC Elite 50W/942 G8.5 1CT	550 °C
928191805131	MASTERCcolour CDM-TC Elite 50W/930 G8.5 1CT/12	550 °C
928189105131	MASTERCcolour CDM-TC Elite 35W/930 G8.5 1CT/12	500 °C

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

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Code	Color Designation	Correlated Color Temperature (Nom)	Color	Color
		Coordinate X (Nom)	Coordinate Y (Nom)				Rendering Index (Min)	Rendering Index (Nom)
928080115131	MASTERCcolour CDM-TC Elite 50W/942 G8.5 1CT	0.367	0.362	942	Cool White (CW)	4200 K	87	90

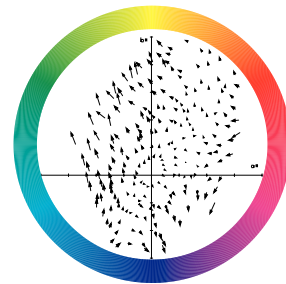
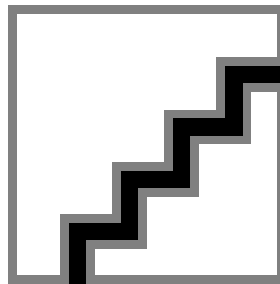
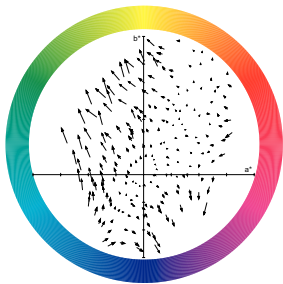
MASTERColour CDM-TC Elite

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Code	Color Designation	Correlated Color Temperature (Nom)	Color	Color
		Coordinate X (Nom)	Coordinate Y (Nom)				Rendering Index (Min)	Rendering Index (Nom)
928191805131	MASTERColour CDM-TC Elite 50W/930 G8.5 ICT/12	0.435	0.396	930	Warm White (WW)	3000 K	88	91
928189105131	MASTERColour CDM-TC Elite 35W/930 G8.5 ICT/12	0.435	0.396	930	Warm White (WW)	3000 K	87	90
928189505131	MASTERColour CDM-TC Elite 70W/930 G8.5 ICT/12	0.435	0.396	930	Warm White (WW)	3000 K	87	90

Light Technical (2/2)

Order Code	Full Product Name	Lumen	Lumen	Lumen	Lumen	Luminous	Luminous	Luminous Flux (Rated) (Nom)
		Maintenance 10000 h (Nom)	Maintenance 12000 h (Nom)	Maintenance 2000 h (Nom)	Maintenance 5000 h (Nom)	Efficacy (rated) (Nom)	Flux (Rated) (Min)	
928080115131	MASTERColour CDM-TC Elite 50W/942 G8.5 ICT	85 %	84 %	92 %	89 %	102 lm/W	-	5100 lm
928191805131	MASTERColour CDM-TC Elite 50W/930 G8.5 ICT/12	83 %	82 %	95 %	88 %	108 lm/W	4900 lm	5400 lm
928189105131	MASTERColour CDM-TC Elite 35W/930 G8.5 ICT/12	80 %	78 %	93 %	88 %	102 lm/W	3600 lm	4000 lm
928189505131	MASTERColour CDM-TC Elite 70W/930 G8.5 ICT/12	83 %	82 %	95 %	88 %	107 lm/W	-	7800 lm

Colour Rendering Diagrams



LDCR_CDMTC-E_0002-Colour rendering diagram



MASTERColour CDM-TC Elite

