



# Perfect sparkle, mini design

## MASTERColour CDM-Tm Elite Mini

Mini, single-ended, very high-efficiency, long-life Ceramic Metal Halide discharge lamp producing crisp white sparkling light with high colour rendering

### Benefits

- High-intensity beam of crisp white sparkling light makes merchandise look irresistible
- Lowest Total Cost of Ownership as a result of high efficacy (same light, less energy or same energy, more light) and long life
- Fits in small luminaires which are less visible

### Features

- Crisp white sparkling light
- Excellent colour rendering, with extra red
- High efficacy with unparalleled lumen maintenance
- Stable colour performance over lifetime
- Mini size

### Application

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

### Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear
- For 50W use with Philips electronic gear only
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

# MASTERColour CDM-Tm Elite Mini

## Versions



## Dimensional drawing

D

Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERColour CDM-Tm Elite Mini 35W/930 GU6.5 1CT	13.3 mm	0.5 in	4.7 mm	28 mm	32 mm	30 mm	56.7 mm
MASTERColour CDM-Tm Elite Mini 20W/830 GU6.5 1CT	13.3 mm	0.5 in	3.4 mm	28 mm	32 mm	30 mm	56.7 mm

### Controls and Dimming

Dimmable	No
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### Operating and Electrical

Re-ignition Time (Min) (Max)	15 min
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### General Information

Cap-Base	GU6.5
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)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Colour Designation	Warm white (WW)
Correlated Colour Temperature (Nom)	3000 K

### Mechanical and Housing

Bulb Finish	Clear
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## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928183505130	MASTERColour CDM-Tm Elite Mini 20W/830 GU6.5 1CT	21 kWh	3.5 mg	3.5 mg
928187405130	MASTERColour CDM-Tm Elite Mini 35W/930 GU6.5 1CT	40 kWh	4.7 mg	4.7 mg

## Operating and Electrical

## MASTERCcolour CDM-Tm Elite Mini

Order Code	Full Product Name	Voltage	Voltage	Voltage	Power
		(Max)	(Min)	(Nom)	(Rated)
928183505130	MASTERCcolour CDM-Tm Elite Mini 20W/830 GU6.5 1CT	100 V	90 V	95 V	20.1 W

Order Code	Full Product Name	Voltage	Voltage	Voltage	Power
		(Max)	(Min)	(Nom)	(Rated)
928187405130	MASTERCcolour CDM-Tm Elite Mini 35W/930 GU6.5 1CT	95 V	79 V	87 V	39.1 W

### Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
928183505130	MASTERCcolour CDM-Tm Elite Mini 20W/830 GU6.5 1CT	380 °C

Order Code	Full Product Name	Bulb Temperature (Max)
928187405130	MASTERCcolour CDM-Tm Elite Mini 35W/930 GU6.5 1CT	450 °C

### Light Technical (1/2)

Order Code	Full Product Name	Colour Code	Colour		
			Rendering Index (Min)	Rendering Index (Nom)	Lumen Maintenance 1000 h (Nom)
928183505130	MASTERCcolour CDM-Tm Elite Mini 20W/830 GU6.5 1CT	830	81	84	91 %
928187405130	MASTERCcolour CDM-Tm Elite Mini	930	87	90	95 %

Order Code	Full Product Name	Colour Code	Colour		
			Rendering Index (Min)	Rendering Index (Nom)	Lumen Maintenance 1000 h (Nom)
	35W/930 GU6.5 1CT				

### Light Technical (2/2)

Order Code	Full Product Name	Lumen Maintenance 10000 h (Nom)	Lumen Maintenance 12000 h (Nom)	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 4000 h (Nom)	Lumen Maintenance 5000 h (Nom)	Luminous			
							Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Min)	Luminous Flux (Rated) (Nom)
928183505130	MASTERCcolour CDM-Tm Elite Mini 20W/830 GU6.5 1CT	78 %	77 %	87 %	84 %	83 %	90 lm/W	1800 lm	1620 lm	1800 lm
928187405130	MASTERCcolour CDM-Tm Elite Mini 35W/930 GU6.5 1CT	-	80 %	93 %	90 %	-	102 lm/W	4000 lm	3600 lm	4000 lm

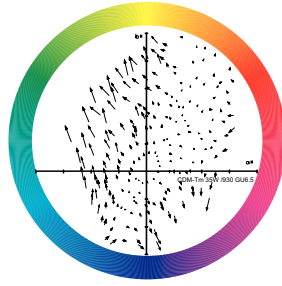
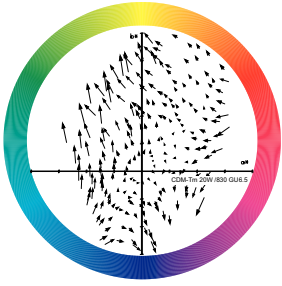
### Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928183505130	MASTERCcolour CDM-Tm Elite Mini 20W/830 GU6.5 1CT	T-4

Order Code	Full Product Name	Bulb Shape
928187405130	MASTERCcolour CDM-Tm Elite Mini 35W/930 GU6.5 1CT	T13.3

# MASTERColour CDM-Tm Elite Mini

## Colour Rendering Diagrams



LDCR\_CDM-Tm\_35W\_930\_GU65-Colour rendering diagram

# MASTERColour CDM-Tm Elite Mini

