



Powerfull punch in a small package

MasterColor CDM-Tm Elite Mini GU6.5

The Mini MasterColor CDM-Tm is ideal for smaller luminaires, perfect for a minimalist design. The Mini MasterColor lamp and ballast system lasts longer than standard halogen PAR38 lamps and consumes less energy. The 'system' includes the MiniMasterColor 3000K lamp, the eVision electronic ballast and a twist & lock lamp base. This system design is ideal for accent and display lighting in specialty retail and architectural outdoor applications.

Benefits

- Energy-efficient system operation reduces operating costs.
- Miniature size means less clutter in the ceiling and more focus on the merchandise.
- Twist and lock lamp base for easy installation and relamping.

Features

- Lamp is up to 40% smaller than industry standard 90W halogen PAR38 lamps.
- Positioning accuracy within the reflector for optimal reflector performance.
- Excellent color quality of up to 90CRI, 3000K.
- Available in 22W and 39W versions.

Application

- Ideal for display and accent lighting in retail, architectural applications.

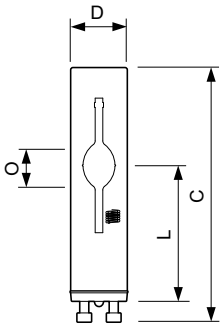
MasterColor CDM-Tm Elite Mini GU6.5

Versions



MASTERColour CDM-Tm /830, /
930, /942 GU6.5

Dimensional drawing



Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MC 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
MASTERColor CDM-Tm Elite Mini 35W/930 GU6.5	13.3 mm	0.5 in	4.7 mm	28 mm	32 mm	30 mm	56.7 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 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 Y (Nom) 0.396
 Color Designation Warm White (WW)
 Correlated Color Temperature (Nom) 3000 K

Mechanical and Housing

Bulb Finish Clear

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ Mercury (Hg)	
		1000 h	Content (Nom)
928183505115	MC CDM-Tm Elite Mini 20W/830 GU6.5 1CT	22 kWh	3.5 mg
928187405115	MASTERColor CDM-Tm Elite Mini 35W/930 GU6.5	43 kWh	4.7 mg

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Operating and Electrical

Order Code	Full Product Name	Voltage			Power
		(Max)	(Min)	(Nom)	(Rated)
928183505115	MC CDM-Tm Elite Mini 20W/830 GU6.5 1CT	100 V	90 V	95 V	20.0 W
928187405115	MASTERColor CDM-Tm Elite Mini 35W/930 GU6.5	95 V	79 V	87 V	39.0 W

Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
928183505115	MC CDM-Tm Elite Mini 20W/830 GU6.5 1CT	380 °C
928187405115	MASTERColor CDM-Tm Elite Mini 35W/930 GU6.5	450 °C

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Color Rendering	
		Coordinate X (Nom)	Color Code	Rendering Index (Min)	Index (Nom)
928183505115	MC CDM-Tm Elite Mini 20W/830 GU6.5 1CT	0.436	830	81	84

Order Code	Full Product Name	Chromaticity		Color Rendering	
		Coordinate X (Nom)	Color Code	Rendering Index (Min)	Index (Nom)
928187405115	MASTERColor CDM-Tm Elite Mini 35W/930 GU6.5	0.435	930	87	90

Light Technical (2/2)

Order Code	Full Product Name	Lumen Maintenance		Lumen Maintenance		Lumen Maintenance		Luminous Efficacy	Luminous Flux	Luminous Flux
		1000 h (Nom)	10000 h (Nom)	12000 h (Nom)	2000 h (Nom)	4000 h (Nom)	5000 h (Nom)	(rated)	(Rated)	(Rated)
928183505115	MC CDM-Tm Elite Mini 20W/830 GU6.5 1CT	91 %	78 %	77 %	87 %	84 %	83 %	90 lm/W	1620 lm	1800 lm
928187405115	MASTERColor CDM-Tm Elite Mini 35W/930 GU6.5	95 %	-	80 %	93 %	90 %	-	102 lm/W	3600 lm	4000 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928183505115	MC CDM-Tm Elite Mini 20W/830 GU6.5 1CT	T-4

Order Code	Full Product Name	Bulb Shape
928187405115	MASTERColor CDM-Tm Elite Mini 35W/930 GU6.5	T13.3

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Color Rendering Diagrams

