



MasterColor CDM-Tm Elite Mini GU6.5

MC CDM-Tm Elite mini 20W/830 GU6.5.1CT

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.

Warnings and Safety

- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

Product data

General Information		Luminous Flux (Rated) (Min)	
Base	GU6.5 [GU6.5]	Luminous Flux (Rated) (Nom)	1620 lm
Operating Position	Universal [Universal]	Luminous Flux (Rated) (Nom)	1800 lm
Life to 5% Failures (Nom)	12000 h	Color Designation	Warm White (WW)
Life To 10% Failures (Nom)	14000 h	Lumen Maintenance 1000 h (Nom)	91 %
Life to 20% Failures (Nom)	16000 h	Lumen Maintenance 12000 h (Nom)	77 %
Life to 50% Failures (Nom)	20000 h	Lumen Maintenance 10000 h (Nom)	78 %
ANSI Code HID	C156/E	Lumen Maintenance 2000 h (Nom)	87 %
		Lumen Maintenance 4000 h (Nom)	84 %
		Lumen Maintenance 5000 h (Nom)	83 %
		Chromaticity Coordinate X (Nom)	0.436
		Chromaticity Coordinate Y (Nom)	0.396
Light Technical			
Color Code	830 [CCT of 3000K]		

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Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color Rendering Index (Min)	81
Color Rendering Index (Nom)	84

Operating and Electrical

Power (Rated) (Nom)	20.1 W
Lamp Current Run-Up (Max)	0.5 A
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	100 V
Voltage (Min)	90 V
Voltage (Nom)	95 V

Controls and Dimming

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

Mechanical and Housing

Bulb Finish	Clear
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Approval and Application

Energy Efficiency Label (EEL)	A+
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Mercury (Hg) Content (Nom)	3.5 mg
Energy Consumption kWh/1000 h	22 kWh

UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.5

Luminaire Design Requirements

Bulb Temperature (Max)	380 °C
Cap-Base Temperature (Max)	250 °C

Product Data

Order product name	MC CDM-Tm Elite Mini 20W/830 GU6.5 1CT
EAN/UPC - Product	046677408503
Order code	408500
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928183505115
Net Weight (Piece)	0.007 kg
ILCOS Code	MT/UB-20/830-H-GU6.5-13.3/52

Dimensional drawing

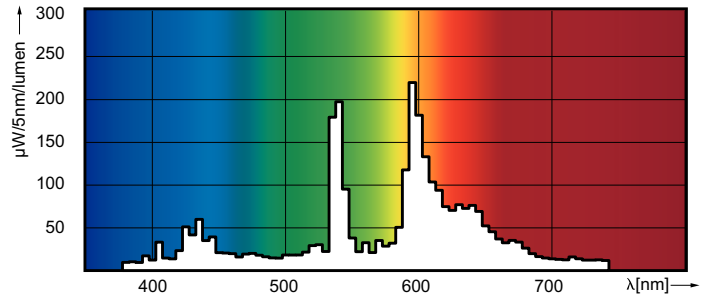
Dimensional drawing showing the diameter (D) of the bulb.

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

CDM-Tm 20W/830 GU6.5

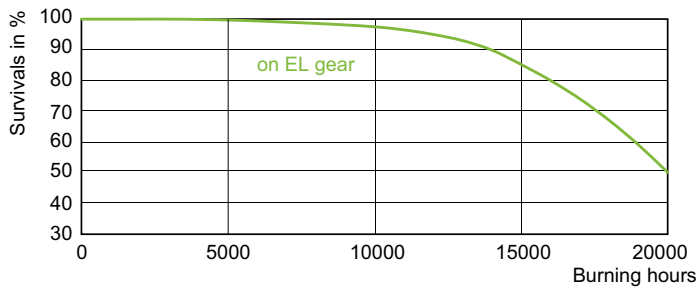
MasterColor CDM-Tm Elite Mini GU6.5

Photometric data



LDPO_CDM-Tm_20W_830_GU65-Spectral power distribution Colour

Lifetime



LDLE_CDM-T-E_0006-Life expectancy diagram

