



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.

Product data

General Information	
Base	GU6.5 [GU6.5]
Operating Position	Universal [Universal]
Life to 5% Failures (Nom)	12000 h
Life To 10% Failures (Nom)	14000 h
Life to 20% Failures (Nom)	16000 h
Life to 50% Failures (Nom)	20000 h
ANSI Code HID	C156/E

Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux (Rated) (Min)	1620 lm
Luminous Flux (Rated) (Nom)	1800 lm
Color Designation	Warm White (WW)
Lumen Maintenance 1000 h (Nom)	91 %
Lumen Maintenance 12000 h (Nom)	77 %
Lumen Maintenance 10000 h (Nom)	78 %
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
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)	20.0 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

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Run-Up Time 90% (Max)	3 min
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Mechanical and Housing

Bulb Finish	Clear
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Approval and Application

Energy Efficiency Label (EEL)	A+
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
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Cap-Base Temperature (Max)	250 °C
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Product Data

Order product name	MC CDM-Tm Elite Mini 20W/830 GU6.5 ICT
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

Warnings and Safety

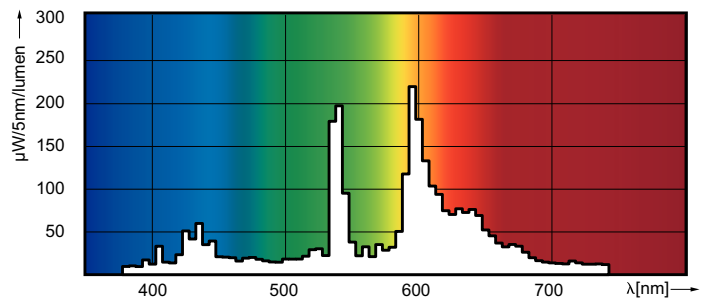
Dimensional drawing

D

Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MC CDM-Tm Elite Mini 20W/830 GU6.5 ICT	13.3 mm	0.5 in	3.4 mm	28 mm	32 mm	30 mm	56.7 mm

CDM-Tm 20W/830 GU6.5

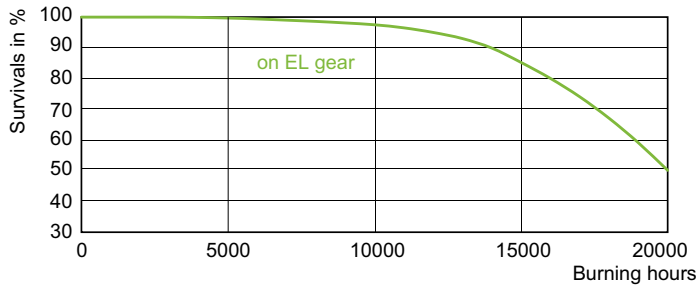
Photometric data



LDPO_CDM-Tm_20W_830_GU65-Spectral power distribution Colour

MasterColor CDM-Tm Elite Mini GU6.5

Lifetime



LDLE_CDM-T-E_0006-Life expectancy diagram

