



# 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             |                        | Operating and Electrical           |         |
|---------------------------------|------------------------|------------------------------------|---------|
| Cap-Base                        | GU6.5 [ GU6.5]         | Lumen Maintenance 5000 h (Nom)     | 83 %    |
| Operating Position              | Universal [ Universal] | Chromaticity Coordinate X (Nom)    | 0.436   |
| Life to 5% Failures (Nom)       | 12000 h                | Chromaticity Coordinate Y (Nom)    | 0.396   |
| Life to 10% Failures (Nom)      | 14000 h                | Correlated Color Temperature (Nom) | 3000 K  |
| Life to 20% Failures (Nom)      | 16000 h                | Luminous Efficacy (rated) (Nom)    | 90 lm/W |
| Life to 50% Failures (Nom)      | 20000 h                | Color Rendering Index (Min)        | 81      |
| ANSI Code HID                   | C156/E                 | Color Rendering Index (Nom)        | 84      |
| Light Technical                 |                        | Controls and Dimming               |         |
| Color Code                      | 830 [ CCT of 3000K]    | Dimmable                           | No      |
| 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 %                   |                                    |         |

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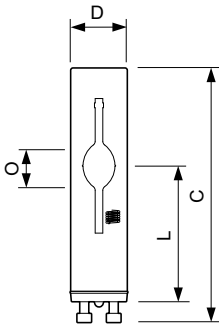
|                               |            |
|-------------------------------|------------|
| Run-Up Time 90% (Max)         | 3 min      |
| Mechanical and Housing        |            |
| Bulb Finish                   | Clear (CL) |
| Approval and Application      |            |
| Energy Efficiency 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     |

|                                 |                                        |
|---------------------------------|----------------------------------------|
| 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           |

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](http://www.lamprecycle.org) or 1-800-555-0050

Dimensional drawing

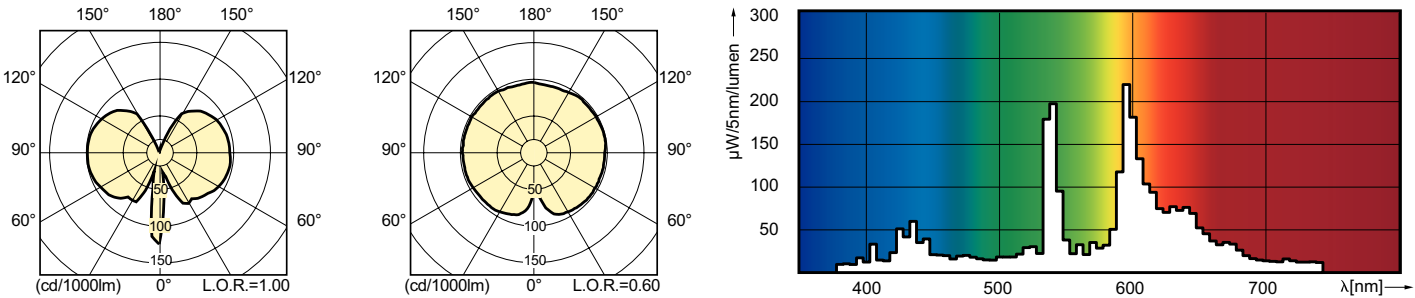


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| Product                                   | D (max) | D      | O      | L (min) | L (max) | L     | C (max) |
|-------------------------------------------|---------|--------|--------|---------|---------|-------|---------|
| MC CDM-Tm Elite Mini<br>20W/830 GU6.5 1CT | 13.3 mm | 0.5 in | 3.4 mm | 28 mm   | 32 mm   | 30 mm | 56.7 mm |

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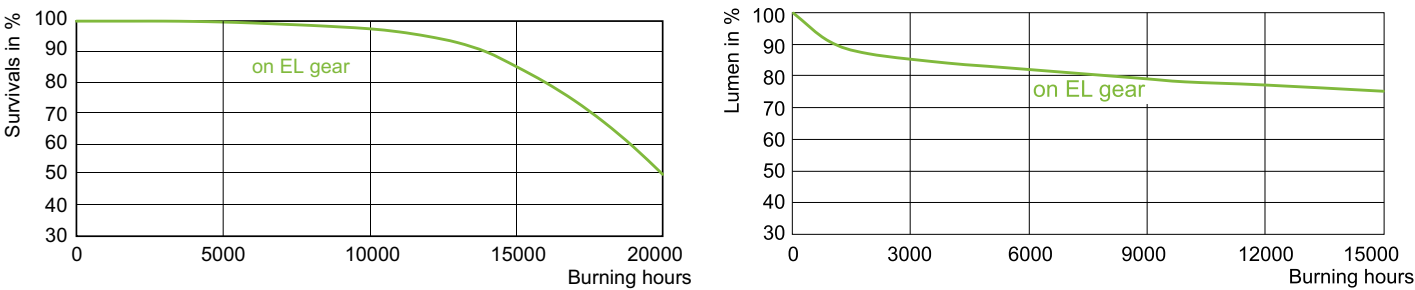
Photometric data



CDM-Tm 20W /830 GU6.5

MASTERColour CDM-Tm 20W /830 GU6.5

Lifetime



CDM-T Elite 35W, 50W, 70W, 100W Life Expectancy /930

CDM-Tm Elite 20W Lumen Maintenance /830 GU6.5

