



# MASTERColor CDM-Rm Elite Mini

## MASTERColor CDM-Rm Elite Mini 20W/830 GX10 MR16 25D

The Elite family is at the very top of the MasterColor CDM range, and gives a unique combination of unbeatable light quality and consistent performance over lifetime, while keeping running costs low. The MasterColor DCM Elite MR16 combines the familiar compact shape of MR16 halogen lamps with the performance of ceramic metal halide MasterColor Elite lamps. Suited for accent/decorative lighting, general lighting and downlighting in retail applications; or for outdoor landscaping and architectural effects.

### 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)

### Product data

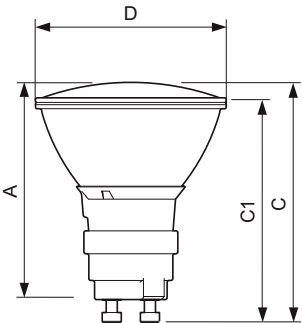
| General Information        |                                  | Chromaticity Coordinate X (Nom)       |        | 0.439   |
|----------------------------|----------------------------------|---------------------------------------|--------|---------|
| Cap-Base                   | GX10                             | Chromaticity Coordinate Y (Nom)       |        | 0.403   |
| Operating Position         | UNIVERSAL [Any or Universal (U)] | Correlated Color Temperature (Nom)    |        | 3000 K  |
| Switching Cycle            | 1,350                            | Luminous Efficacy (rated) (Nom)       |        | 50 lm/W |
| Life to 50% Failures (Nom) | 15,000 hour(s)                   | Color rendering index (CRI)           |        | 84      |
| Light Technical            |                                  | LLMF At End Of Nominal Lifetime (Nom) |        | 70 %    |
| Color Code                 | 830 [CCT of 3000K]               | Luminous Flux in 90° Cone (Rated)     |        | 900 lm  |
| Beam Angle (Nom)           | 25 degree(s)                     | Operating and Electrical              |        |         |
| Luminous Intensity (Nom)   | 4,000 cd                         | Power Consumption                     | 20.1 W |         |

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|                               |        |
|-------------------------------|--------|
| Warm-up time to 60% light     | 120 s  |
| Voltage (Nom)                 | 95 V   |
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| Controls and Dimming          |        |
| Dimmable                      | No     |
| Mechanical and Housing        |        |
| Bulb Shape                    | MR16   |
| Approval and Application      |        |
| Mercury (Hg) Content (Nom)    | 3.5 mg |
| Energy Consumption kWh/1000 h | 22 kWh |

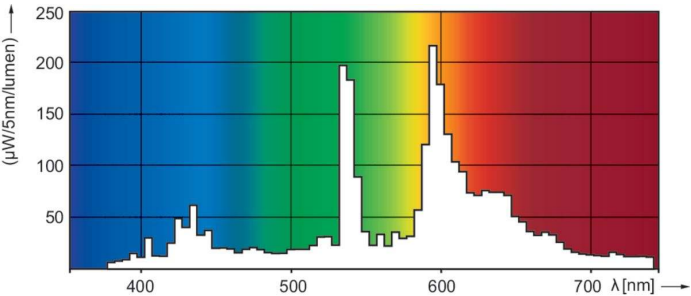
|                                 |   |
|---------------------------------|---|
| Product Data                    |   |
| Order product name              | CDM-Rm Elite Mini 20W/830 GX10 MR16 25D             |
| Full product name               | MASTERCOLOR CDM-Rm Elite Mini 20W/830 GX10 MR16 25D |
| Order code                      | 421669  |
| Material Nr. (12NC)             | 928191105315  |
| Numerator - Quantity Per Pack   | 1   |
| EAN/UPC - Product/Case          | 046677421663  |
| Numerator - Packs per outer box | 12  |
| EAN/UPC - Case                  | 50046677421668                                      |

## Dimensional drawing

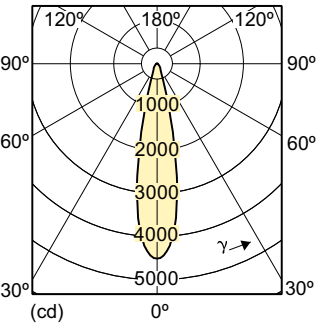


| Product                                 | D (max) | D     | C (max) | C        | C1 (max) | A (max) |
|---|---------|-------|---------|----------|----------|---------|
| CDM-Rm Elite Mini 20W/830 GX10 MR16 25D | 51 mm   | 50 mm | 65.4 mm | 62.75 mm | 60.9 mm  | 59 mm   |

## Photometric data



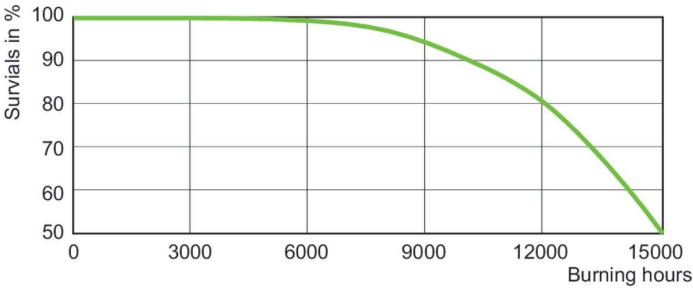
Spectral Power Distribution Colour - CDM-Rm Elite Mini 20W/830 GX10 MR16 25D



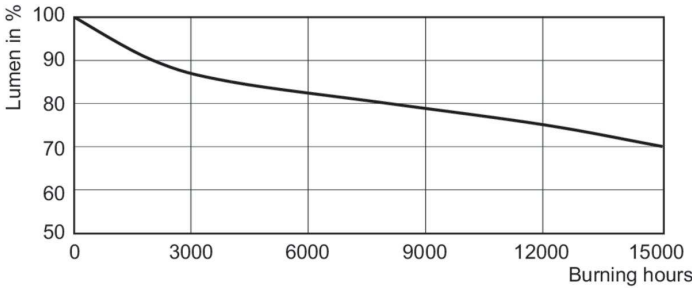
Light Distribution Diagram - CDM-Rm Elite Mini 20W/830 GX10 MR16 25D

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Lifetime



Life Expectancy Diagram - CDM-Rm Elite Mini 20W/830 GX10 MR16 25D



Lumen Maintenance Diagram - CDM-Rm Elite Mini 20W/830 GX10 MR16 25D

