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	
Cap-Base	GX10
Operating Position	UNIVERSAL [Any or Universal (U)]
Switching Cycle	1,350
Life to 50% Failures (Nom)	15,000 hour(s)

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	25 degree(s)
Luminous Intensity (Nom)	4,000 cd
Chromaticity Coordinate X (Nom)	0.439
Chromaticity Coordinate Y (Nom)	0.403
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	50 lm/W
Color rendering index (CRI)	84
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	900 lm

Operating and Electrical	
Power Consumption	20.1 W

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Warm-up time to 60% light	120 s
Voltage (Nom)	95 V

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Shape	MR16
Net Weight (Piece)	0.047 kg

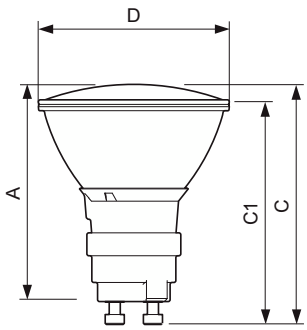
Approval and Application

Mercury (Hg) Content (Nom)	3.5 mg
Energy Consumption kWh/1000 h	22 kWh

Product Data

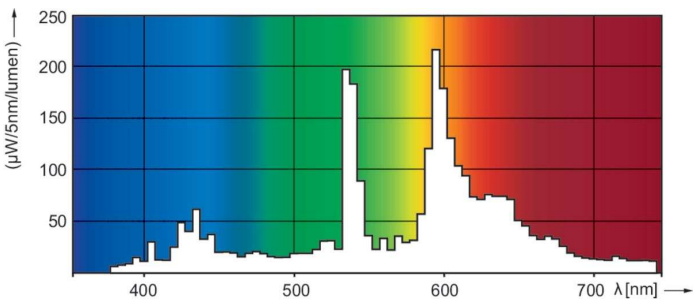
Order product name	CDM-Rm Elite Mini 20W/830 GX10 MR16 25D
Full product name	MASTERColor CDM-Rm Elite Mini 20W/830 GX10 MR16 25D
Order code	421669
Material Nr. (12NC)	928191105315
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677421663
Numerator - Packs per outer box	12
EAN/UPC - Case	50046677421668

Dimensional drawing

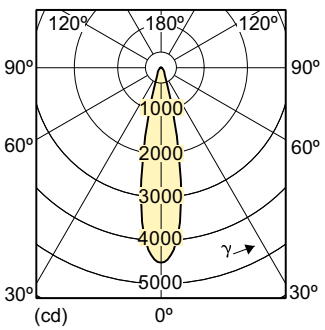


Product	D (max)	D	C (max)	C	C1 (max)	A (max)
CDM-Rm Elite Mini 20W/830 GX10 MR16 25D	51 mm	50 mm	65.4 mm	62.75 mm	60.9 mm	59 mm

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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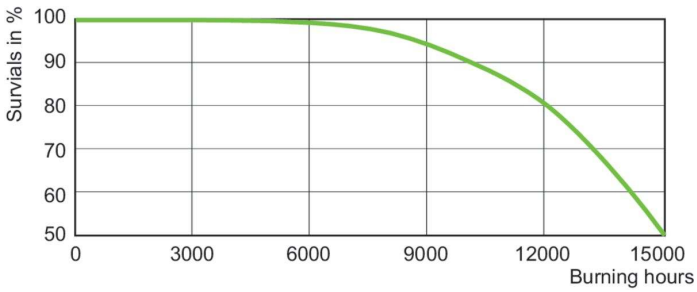
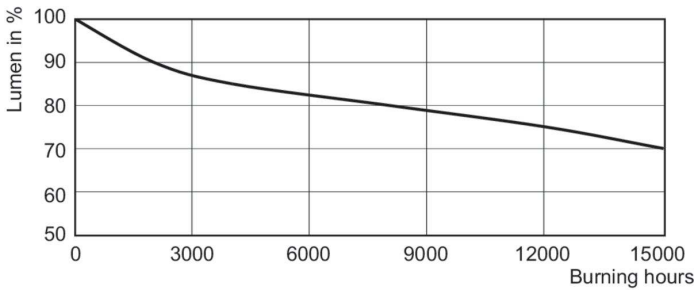
Lifetime



LDLE_CDM-Rm_0003-Life expectancy diagram



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

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