MASTERColor CDM-Rm Elite Mini

CDM-Rm Elite Mini 20W/830 GX10 MR16 40D

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 famiilar 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)
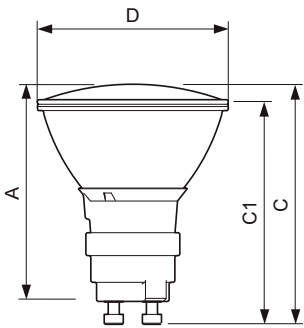
Product data

General Information	
Cap-Base	GX10 [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)	40 degree(s)
Luminous Intensity (Nom)	1,750 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)	860 lm

Operating and Electrical	
Power Consumption	20.1 W
Warm-up time to 60% light	120 s
Voltage (Nom)	95 V

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Voltage (Nom)	95 V

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Shape	MR16 [2inch/50mm]

Approval and Application

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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 40D
Full product name	CDM-Rm Elite Mini 20W/830 GX10 MR16 40D
Order code	928191205315
Material Nr. (12NC)	928191205315
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	046677421670
Numerator – Packs per outer box	12
EAN/UPC – Case	50046677421675

Dimensional drawing

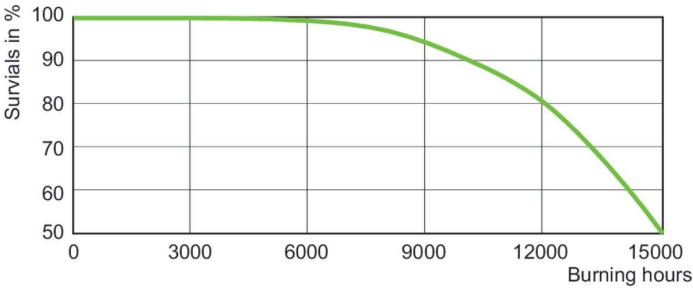| Product	D (max)	D	C (max)	C	C1 (max)	A (max)
CDM-Rm Elite Mini 20W/830 GX10 MR16 40D	51 mm	50 mm	65.4 mm	62.75 mm	60.9 mm	59 mm

Photometric data
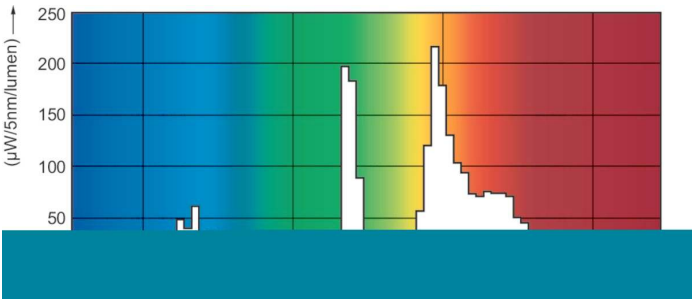
Spectral Power Distribution Colour – CDM-Rm Elite Mini 20W/830 GX10 MR16 40D
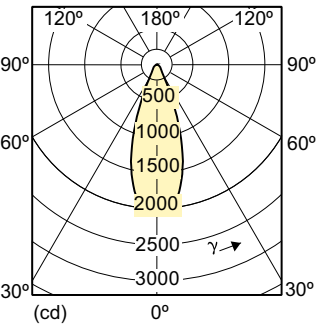
Light Distribution Diagram – CDM-Rm Elite Mini 20W/830 GX10 MR16 40D

MASTERColor CDM-Rm Elite Mini

Lifetime

Life Expectancy Diagram – CDM-Rm Elite Mini 20W/830 GX10 MR16 40D

Lumen Maintenance Diagram – CDM-Rm Elite Mini 20W/830 GX10 MR16 40D

www.lighting.philips.com

2023, September 22 – data subject to change