



MASTERColor CDM-Rm Elite Mini

MASTERColor CDM-Rm Elite Mini 35W/930 GX10 MR16 10D

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.

Product data

General Information			
Cap-Base	GX10 [GX10]	Luminous Intensity (Nom)	17500 cd
Operating Position	Universal [Universal]	Beam Description	-
Life to 5% Failures (Nom)	9000 h	Lumen Maintenance 12000 h (Nom)	85 %
Life to 10% Failures (Nom)	10000 h	Lumen Maintenance 2000 h (Nom)	95 %
Life to 20% Failures (Nom)	12000 h	Lumen Maintenance 4000 h (Nom)	93 %
Life to 50% Failures (Nom)	15000 h	Chromaticity Coordinate X (Nom)	0.439
ANSI Code HID	C130/O	Chromaticity Coordinate Y (Nom)	0.403
Switching Cycle	1350X	Correlated Color Temperature (Nom)	3000 K
Light Technical		Luminous Efficacy (rated) (Nom)	61 lm/W
Color Code	930 [CCT of 3000K]	Color Rendering Index (Min)	88
Beam Angle (Nom)	10 °	Color Rendering Index (Nom)	91
Beam Angle Technical (Nom)	13 °	LLMF At End Of Nominal Lifetime (Nom)	80 %
Beam Angle Technical (Max)	16 °	Luminous Flux in 90° Cone (Rated)	2150 lm
Beam Angle Technical (Min)	10 °	Operating and Electrical	
Luminous Intensity (Min)	13200 cd	Power (Rated) (Nom)	39 W
		Re-Ignition Time (Min) (Max)	15 min

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Warm Up Time to 60% Light (Nom)	120 s
Ignition Time (Max)	30 s
Voltage (Max)	95 V
Voltage (Min)	79 V
Voltage (Nom)	87 V

Controls and Dimming

Dimmable	No
Run-Up Time 90% (Max)	3 min

Mechanical and Housing

Bulb Finish	- [-]
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Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	4.7 mg
Energy Consumption kWh/1000 h	43 kWh

UV

Pet (Niosh) (Min)	8 h/500lx
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Damage Factor D/fc (Max)	0.4
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Luminaire Design Requirements

Reflector Neck Temperature (Max)	315 °C
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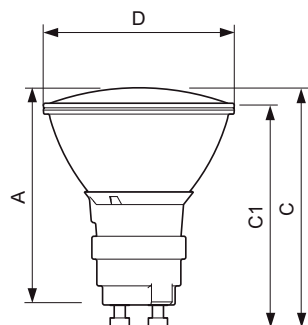
Product Data

Order product name	MASTERColor CDM-Rm Elite Mini 35W/930 GX10 MR16 10D
EAN/UPC - Product	046677418939
Order code	418939
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928194605315
Net Weight (Piece)	0.048 kg
ILCOS Code	MRS/UB-35/930-H-GX10-51/54.5/10

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 or 1-800-555-0050

Dimensional drawing

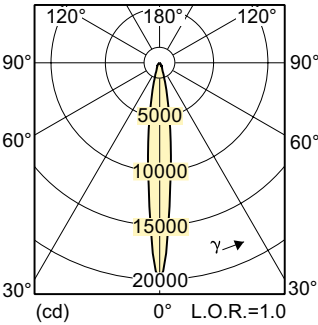


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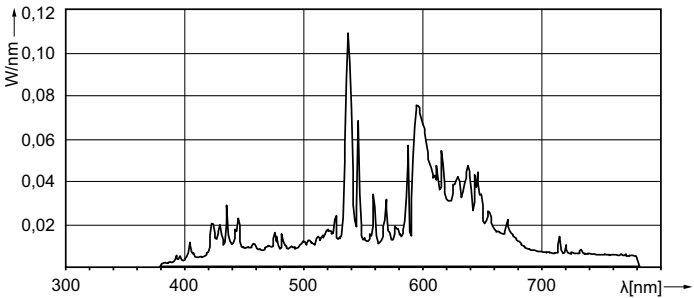
Product	D (max)	D	C (max)	C	C1 (max)	A (max)
MASTERColor CDM-Rm	51 mm	50 mm	65.4 mm	62.75	60.9 mm	59 mm
Elite Mini 35W/930 GX10				mm		
MR16 10D						

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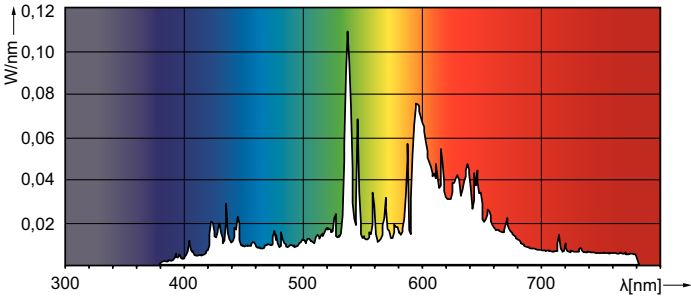
Photometric data



CDM-Rm 35W /930 10D

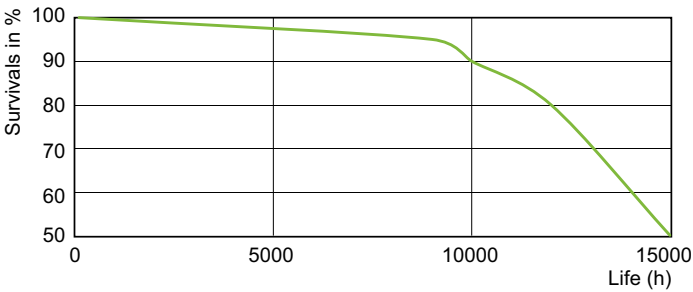


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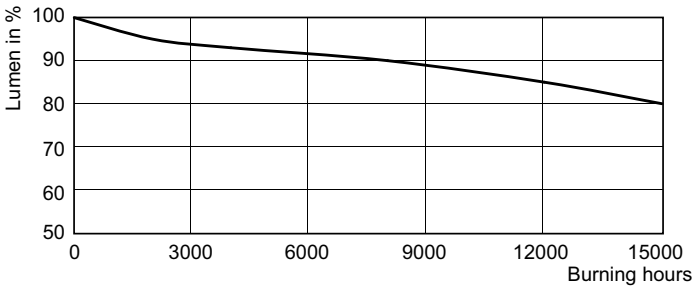


MASTERColour CDM-R Mini 35W /930

Lifetime



CDM-Rm 35W Life Expectancy /930



CDM-Rm 35W Lumen Maintenance /930

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