



MASTERColor CDM-Rm Elite Mini

MASTERColor CDM-Rm Elite Mini 35W/930 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.

Product data

General Information			
Cap-Base	GX10 [GX10]	Luminous Intensity (Min)	5700 cd
Operating Position	Universal [Universal]	Luminous Intensity (Nom)	7600 cd
Life to 5% Failures (Nom)	9000 h	Beam Description	-
Life To 10% Failures (Nom)	10000 h	Lumen Maintenance 12000 h (Nom)	85 %
Life to 20% Failures (Nom)	12000 h	Lumen Maintenance 2000 h (Nom)	95 %
Life to 50% Failures (Nom)	15000 h	Lumen Maintenance 4000 h (Nom)	93 %
ANSI Code HID	C130/O	Chromaticity Coordinate X (Nom)	0.439
Switching Cycle	1350X	Chromaticity Coordinate Y (Nom)	0.403
Light Technical		Correlated Color Temperature (Nom)	3000 K
Color Code	930 [CCT of 3000K]	Luminous Efficacy (rated) (Nom)	61 lm/W
Beam Angle (Nom)	25 °	Color Rendering Index (Min)	88
Beam Angle Technical (Nom)	24 °	Color Rendering Index (Nom)	91
Beam Angle Technical (Max)	29 °	LLMF At End Of Nominal Lifetime (Nom)	80 %
Beam Angle Technical (Min)	19 °	Luminous Flux in 90° Cone (Rated)	2150 lm

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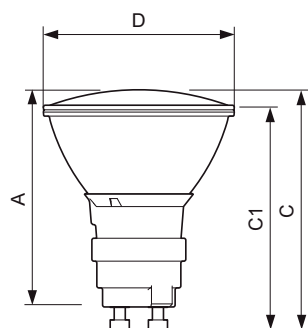
Operating and Electrical	
Power (Rated) (Nom)	39 W
Re-Ignition Time (Min) (Max)	15 min
Warm Up Time to 60% Light (Nom)	120 s
Ignition Time (Max)	30 s
Voltage (Max)	95 V
Voltage (Min)	79 V
Voltage (Nom)	87 V
Controls and Dimming	
Dimmable	No
Run-Up Time 90% (Max)	3 min
Approval and Application	
Energy 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

Damage Factor D/fc (Max)	0.4
Luminaire Design Requirements	
Reflector Neck Temperature (Max)	315 °C
Product Data	
Order product name	MASTERColor CDM-Rm Elite Mini 35W/930
	GX10 MR16 25D
EAN/UPC - Product	046677418946
Order code	418947
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928194705315
Net Weight (Piece)	0.048 kg
ILCOS Code	MRS/UB-35/930-H-GX10-51/54.5/25

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)

Dimensional drawing

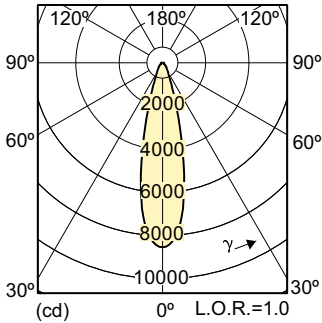


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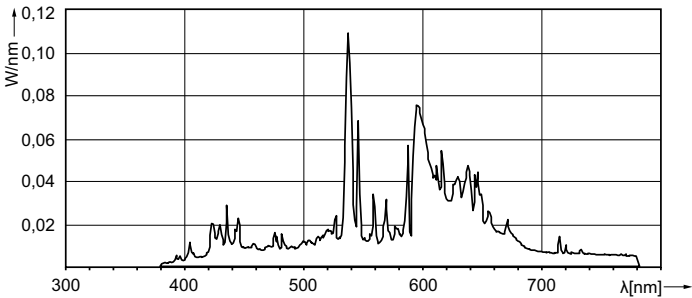
Product	D (max)	D	C (max)	C	C1 (max)	A (max)
MASTERColor CDM-Rm	51 mm	50	65.4 mm	62.75	60.9 mm	59 mm
Elite Mini 35W/930 GX10		mm		mm		
MR16 25D						

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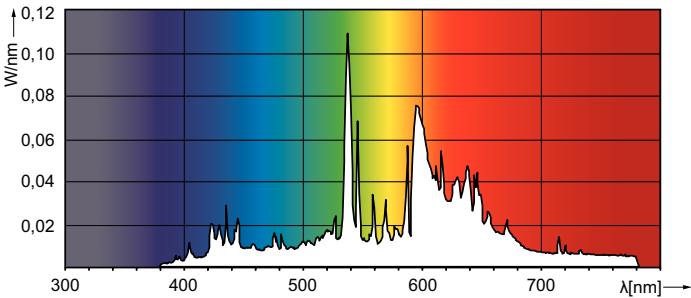
Photometric data



CDM-Rm 35W /930 25D

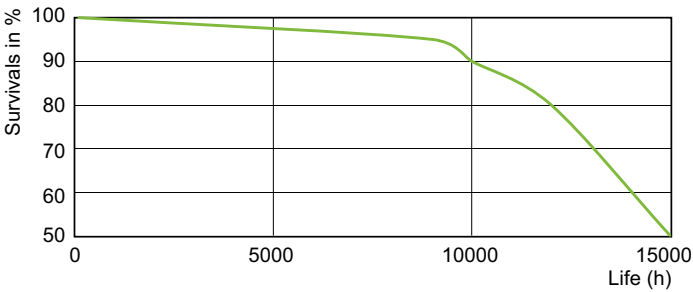


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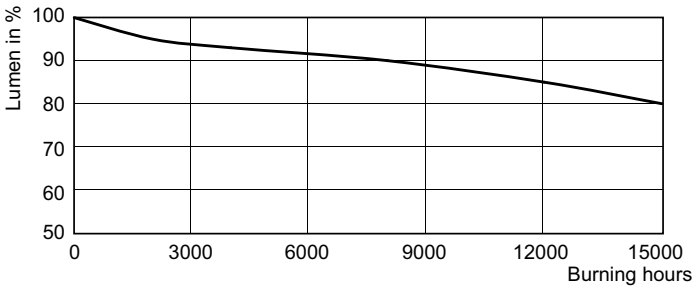


MASTERColour CDM-R Mini 35W /930

Lifetime



CDM-Rm 35W Life Expectancy /930



CDM-Rm 35W Lumen Maintenance /930

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