



MasterColor CDM-R111 Elite

MASTERColor CDM-R111 Elite 70W/930 GX8.5 24D

MasterColor CDM-R111 Elite combines the trendy look of 111 mm aluminum-reflector halogen lamps with the long life, high energy efficiency and crisp white light of MasterColor CDM.

Warnings and Safety

- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 35W/930 lamps may also use electromagnetic gear
- 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

Product data

General information		Switching Cycle	
Base	GX8.5 [GX8.5]	1050X	
Operating Position	Universal [Universal]	Light technical	
Life to 5% Failures (Nom)	8000 h	Color Code	930 [CCT of 3000K]
Life To 10% Failures (Nom)	9500 h	Beam Angle (Nom)	24 °
Life to 20% Failures (Nom)	10500 h	Beam Angle Technical (Nom)	23 °
Life to 50% Failures (Nom)	12000 h	Beam Angle Technical (Max)	28 °
ANSI Code HID	C139/O	Beam Angle Technical (Min)	18 °
		Luminous Intensity (Min)	12000 cd

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Luminous Intensity (Nom)	16000 cd
Beam Description	Narrow Flood
Color Designation	Warm White (WW)
Lumen Maintenance 12000 h (Nom)	70 %
Lumen Maintenance 2000 h (Nom)	90 %
Lumen Maintenance 4000 h (Nom)	85 %
Design Mean Lumens	3100 lm
Chromaticity Coordinate X (Nom)	0.441
Chromaticity Coordinate Y (Nom)	0.397
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	50 lm/W
Color Rendering Index (Min)	89
Color Rendering Index (Nom)	92
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	3550 lm

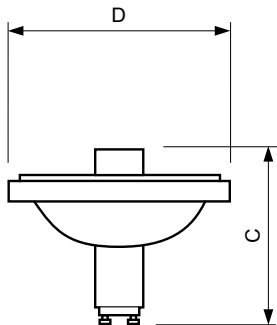
Operating and electrical

Power (Rated) (Nom)	73.2 W
Re-Ignition Time (Min) (Max)	15 min
Warm Up Time to 60% Light (Nom)	120 s
Ignition Time (Max)	30 s
Voltage (Max)	98 V
Voltage (Min)	80 V
Voltage (Nom)	89 V

Controls and dimming

Dimmable	No
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Dimensional drawing



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Run-Up Time 90% (Max)	3 min
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Mechanical and housing

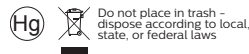
Bulb Finish	Reflector
Bulb Shape	R111 [R 111mm]

Approval and application

Mercury (Hg) Content (Nom)	6.6 mg
Energy Consumption kWh/1000 h	80 kWh

Product data

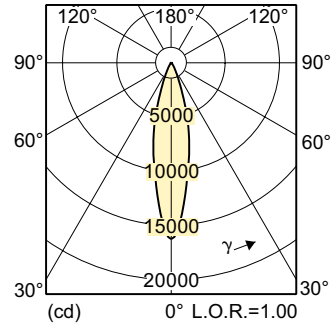
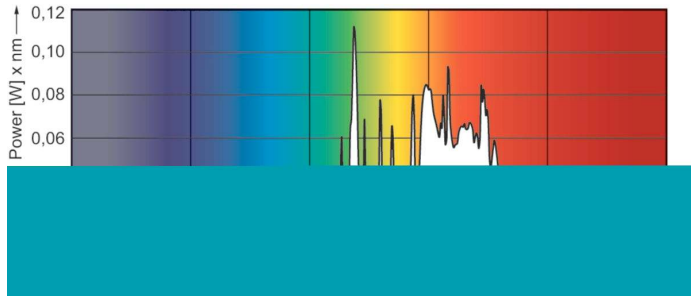
Order product name	MASTERCOLOR CDM-R111 Elite 70W/930 GX8.5 24D
EAN/UPC - Product	046677430764
Order code	430769
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928195705306
Copy Net Weight (Piece)	0.212 lb
ILCOS Code	MRS/UB-70/930-H-GX8.5-111/88/24



Product	D (max)	C (max)
MASTERCOLOR CDM-R111 Elite 70W/930 GX8.5 24D	111 mm	95 mm

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Photometric data



LDLD_CDMR111E_0008-Light distribution diagram

