



# MasterColor CDM-R111 Elite

## MASTERColor CDM-R111 Elite 35W/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](http://www.lamprecycle.org) or 1-800-555-0050

### Product data

General Information	
Base	GX8.5 [ GX8.5]
Operating Position	Universal [ Universal]
Life to 5% Failures (Nom)	8000 h
Life To 10% Failures (Nom)	5500 h
Life to 20% Failures (Nom)	10500 h
Life to 50% Failures (Nom)	12000 h
ANSI Code HID	C130/O
Switching Cycle	1050X

Light Technical	
Color Code	930 [ CCT of 3000K]
Beam Angle (Nom)	24 °
Beam Angle Technical (Nom)	23 °
Beam Angle Technical (Max)	28 °
Beam Angle Technical (Min)	18 °
Luminous Intensity (Min)	6500 cd
Luminous Intensity (Nom)	8500 cd
Beam Description	Narrow Flood
Color Designation	Warm White (WW)

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Lumen Maintenance 12000 h (Nom)	70 %
Lumen Maintenance 2000 h (Nom)	90 %
Lumen Maintenance 4000 h (Nom)	85 %
Design Mean Lumens	1500 lm
Chromaticity Coordinate X (Nom)	0.432
Chromaticity Coordinate Y (Nom)	0.392
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	46 lm/W
Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	1750 lm

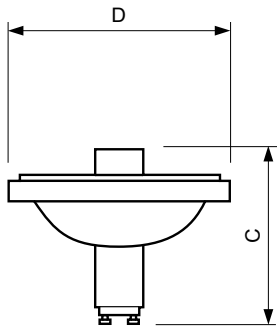
## Operating and Electrical

Power (Rated) (Nom)	39.1 W
Lamp Current (EM) (Nom)	0.440 A
Re-Ignition Time (Min) (Max)	15 min
Warm Up Time to 60% Light (Nom)	120 s
Ignition Time (Max)	30 s
Voltage (Max)	97 V
Voltage (Min)	81 V
Voltage (Nom)	89 V

## Controls and Dimming

Dimmable	No
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## Dimensional drawing



CDM-R111 Elite 35W/930 24D

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

Bulb Finish	Reflector
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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

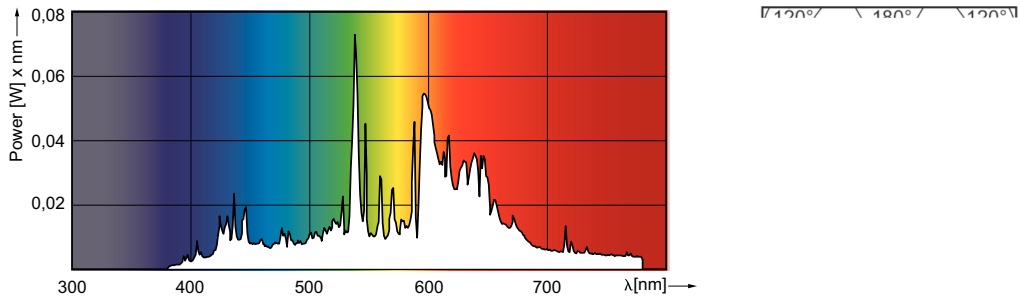
## Product Data

Order product name	MASTERCOLOR CDM-R111 Elite 35W/930 GX8.5 24D	
EAN/UPC - Product	046677430733	
Order code	430736	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	6	
Material Nr. (12NC)	928195405306	
Net Weight (Piece)	0.096 kg	
ILCOS Code	MRS/UB-35/930-H-GX8.5-111/88/24	

Product	D (max)	C (max)
MASTERCOLOR CDM-R111 Elite 35W/930 GX8.5 24D	111 mm	95 mm

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## Photometric data



LDPO\_CDMR111E\_0001-Spectral power distribution Colour

