



# MASTERC colour CDM-R111 Elite

## MASTERC colour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D

MASTERC colour 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 MASTERC colour 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.
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

### Product data

General Information			
Cap-Base	GX8.5 [ GX8.5]	Beam Angle Technical (Nom)	36 °
Operating Position	UNIVERSAL [ Any or Universal (U)]	Beam Angle Technical (Max)	45 °
Life to 5% Failures (Nom)	8000 h	Beam Angle Technical (Min)	27 °
Life To 10% Failures (Nom)	5500 h	Luminous Intensity (Min)	3500 cd
Life to 20% Failures (Nom)	10500 h	Luminous Intensity (Nom)	4500 cd
Life to 50% Failures (Nom)	12000 h	Beam Description	Flood
ANSI Code HID	C130/O	Color Designation	Warm White (WW)
Switching Cycle	1050X	Lumen Maintenance 12000 h (Nom)	70 %
		Lumen Maintenance 2000 h (Nom)	90 %
		Lumen Maintenance 4000 h (Nom)	85 %
		Design Mean Lumens	1500 lm
Light Technical		Chromaticity Coordinate X (Nom)	0.432
Color Code	930 [ CCT of 3000K]	Chromaticity Coordinate Y (Nom)	0.392
Beam Angle (Nom)	40 °		

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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 (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
Run-Up Time 90% (Max)	3 min

## Mechanical and Housing

Bulb Finish	Reflector
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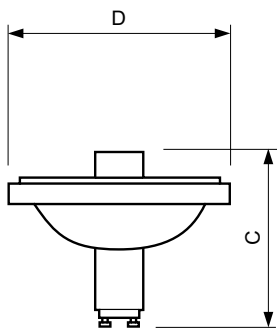
## Approval and Application

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

## Product Data

Full product code	871829168952200
Order product name	MASTERCoulour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D
EAN/UPC - Product	8718291689522
Order code	928195505330
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928195505330
Net Weight (Piece)	96.000 g
ILCOS Code	MRS/UB-35/930-H-GX8.5-111/88/40

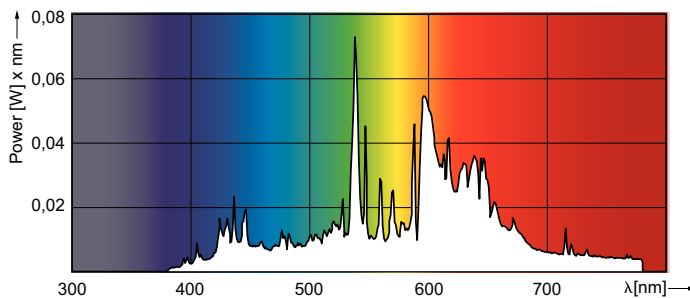
## Dimensional drawing



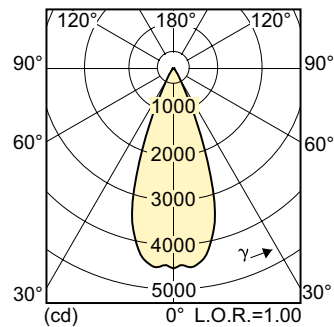
CDM-R111 Elite 35W/930 40D

Product	D (max)	C (max)
MASTERCoulour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	111 mm	95 mm

## Photometric data



LDPO\_CDMR111E\_0001-Spectral power distribution Colour



LDLD\_CDMR111E\_0003-Light distribution diagram

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