



# MASTERColour CDM-R111 Elite

## MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D

MASTERColour CDM-R111 Elite combines the trendy look of 111 mm aluminium-reflector halogen lamps with the long life, high energy efficiency and crisp white light of MASTERColour 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	9 °
Burning Position	UNIVERSAL [ Any/Universal]	Beam angle technical	11 °
Life to 5% failures (nom.)	8000 h	Beam angle technical	7 °
Life to 10% failures (nom.)	5500 h	Luminous intensity (min.)	27000 cd
Life to 20% failures (nom.)	10500 h	Luminous intensity (nom.)	36000 cd
Life to 50% failures (nom.)	12000 h	Beam description	Spot
ANSI code HID	C130/O	Colour Designation	Warm white (WW)
Switching cycle	1,050X	Lumen maintenance 12,000 hours (nom.)	70 %
		Lumen maintenance 2,000 hours (nom.)	90 %
		Lumen maintenance 4,000 hours (nom.)	85 %
		Design mean lumens	1200 lm
		Chromaticity coordinate X (nom.)	0.432
		Chromaticity coordinate Y (nom.)	0.392
Light Technical			
Colour Code	930 [ CCT of 3,000 K]		
Technical Beam Angle (Nom)	10 °		

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Colour Temperature, horizontal (Nom)	3000 K
Lamp Luminous Efficacy EM (Nom)	37 lm/W
Colour Rendering Index,horiz (Min)	87
Colour Rendering Index,horiz (Nom)	90
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	1350 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
Run-up time 90% (max.)	3 min

## Mechanical and Housing

Lamp Finish	Reflector
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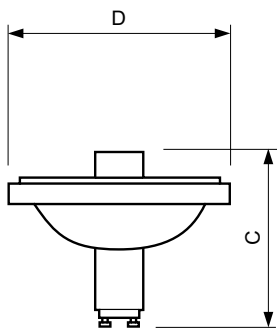
## Approval and Application

Energy efficiency label (EEL)	B
Mercury (Hg) content (nom.)	4.7 mg
Energy consumption kWh/1,000 hours	43 kWh

## Product Data

Full product code	871829168918800
Order product name	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D
EAN/UPC – product	8718291689188
Order code	928195305330
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	928195305330
SAP net weight (piece)	96.000 g
ILCOS code	MRS/UB-35/930-H-GX8.5-111/88/10

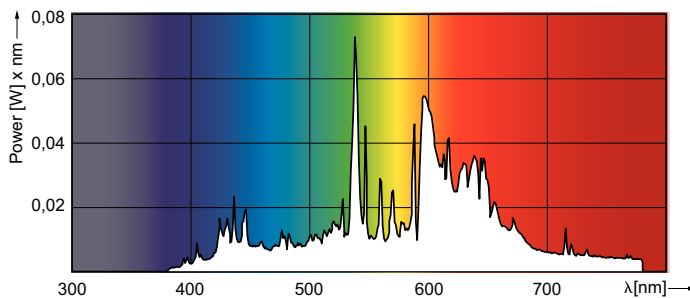
## Dimensional drawing



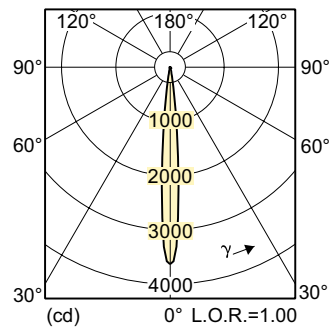
CDM-R111 Elite 35W/930 10D

Product	D (max)	C (max)
MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D	111 mm	95 mm

## Photometric data



LDPO\_CDMR111E\_0001-Spectral power distribution Colour



LDLD\_CDMR111E\_0001-Light distribution diagram

## MASTERCcolour CDM-R111 Elite

