



# Perfect sparkle, trendy design

## MASTERColour CDM-R111 Elite

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.

### Benefits

- Crisp white sparkling light
- Easy installation
- Less glare, comfort for shoppers and staff

### Features

- High lamp efficacy
- Long lamp lifetime compared to incandescent and halogen lamps
- The ceramic discharge tube is optimally positioned and stable in the reflector
- UV-block burner capsule
- Anti-glare cap design

### Application

- Accent and decorative lighting: display lighting with sparkling, theatrical effects, even in surroundings with very high background ambient light levels, such as shops windows
- General lighting: in downlighters, a warm and comfortable atmosphere can be created

### Warnings and Safety

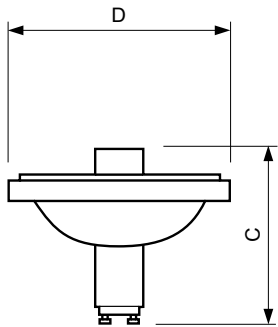
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 35W/930 lamps may also use electromagnetic gear.
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove 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.

# MASTERColour CDM-R111 Elite

## Versions



## Dimensional drawing



Product	D (max)	C (max)
MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D	111 mm	95 mm
MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	111 mm	95 mm

# MASTERColour CDM-R111 Elite

## Approval and Application

Energy Consumption kWh/1000 h	40 kWh
Mercury (Hg) Content (Max)	4.7 mg
Mercury (Hg) Content (Nom)	4.7 mg

## Controls and Dimming

Dimmable	No
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## Operating and Electrical

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

## General Information

Cap-Base	GX8.5
Life To 10% Failures (Nom)	5500 h
Life To 20% Failures (Nom)	10500 h
Life To 50% Failures (Nom)	12000 h
Life To 5% Failures (Nom)	8000 h
Operating Position	UNIVERSAL
Switching Cycle	1,050X

## Light Technical

Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Colour Code	930
Colour Designation	Warm white (WW)
Correlated Colour Temperature (Nom)	3000 K
Colour Rendering Index (Min)	87
Colour Rendering Index (Nom)	90
Llmf At End Of Nominal Lifetime (Nom)	70 %
Lumen Maintenance 12000 h (Nom)	70 %
Lumen Maintenance 2000 h (Nom)	90 %
Lumen Maintenance 4000 h (Nom)	85 %

## Mechanical and Housing

Bulb Finish	Reflector
Bulb Shape	R111

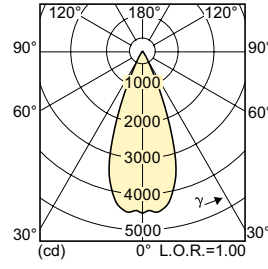
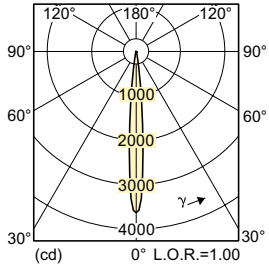
## Light Technical (1/2)

Order Code	Full Product Name	Beam	Beam	Luminous	Design
		Angle (Nom)		Description	Efficacy (rated) (Nom)
928195305330	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D	10 °	Spot	37 lm/W	1200 lm
928195505330	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	40 °	Flood	46 lm/W	1500 lm

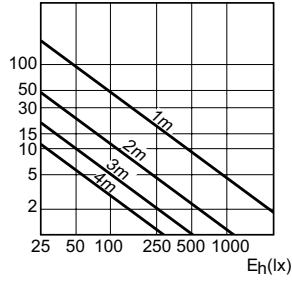
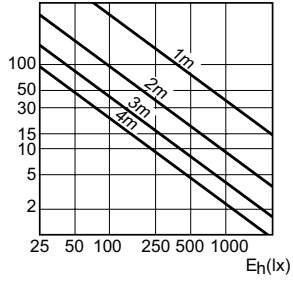
## Light Technical (2/2)

Order Code	Full Product Name	Luminous	Luminous	Luminous	Luminous
		Flux (Nom)	Intensity (Min)	Intensity (Nom)	Intensity (Nom)
928195305330	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D	1350 lm	27000 cd	36000 cd	
928195505330	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	1750 lm	3500 cd	4500 cd	

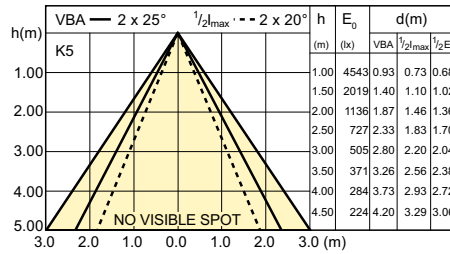
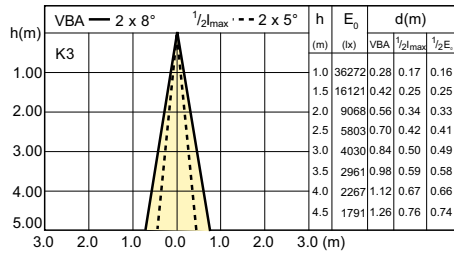
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## Accent Diagrams



## Beam Diagrams



LDBE\_CDMR111E\_0001-Beam diagram

LDBE\_CDMR111E\_0003-Beam diagram

