



# Product Description

## MASTERColour CDM-R111

The MASTERColour CDM-R111 combines the trendy look of the 111mm aluminium reflector halogen lamps with the long life, high energy efficiency and crisp white light of MASTERColour CDM

### Benefits

- Low operating costs
- Easy installation
- Relatively low heat output
- Less glare, comfort for shoppers and staff
- Reduced fading risks

### Features

- High lamp efficacy
- Long lamp life time compared to incandescent and halogen lamps
- The ceramic discharge tube is optimally and stable positioned in the reflector
- Twist & Lock system
- 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 like shops windows
- General lighting: in downlighters, a warm, 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/830 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.

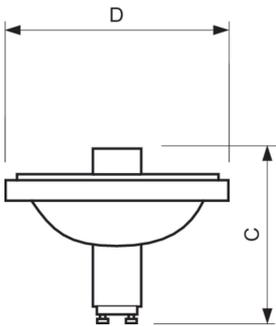
# MASTERC colour CDM-R111

## Versions



LPPR CDM-R111 24D 40D

## Dimensional drawing



Product	D (max)	C (max)
MASTERC CDM-R111 35W/942 GX8.5 24D 1CT	111 mm	95 mm
MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6	111 mm	95 mm

### General Information

Cap-Base	GX8.5
Operating Position	UNIVERSAL

### Light Technical

Beam Angle (Nom)	24 degree(s)
Chromaticity Coordinate X (Nom)	0.371
Chromaticity Coordinate Y (Nom)	0.366
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4200 K

### Operating and Electrical

Warm-up time to 60% light	120 s
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### Controls and Dimming

Dimmable	No
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### Mechanical and Housing

Bulb Finish	Reflector
Bulb Shape	R111

### General Information

Order Code	Full Product Name	Switching Cycle
928096505330	MASTERC CDM-R111 35W/942 GX8.5 24D 1CT	800
928096905330	MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6	1,000

## Light Technical

# MASTERC colour CDM-R111

Order Code	Full Product Name	Color rendering index (CRI)	LLMF At End Of		Luminous Intensity (Nom)
			Nominal Lifetime (Nom)	Luminous Flux	
928096505330	MASTERC CDM-R111 35W/942 GX8.5 24D 1CT	93	65 %	1,300 lm	7,350 cd

Order Code	Full Product Name	Color rendering index (CRI)	LLMF At End Of		Luminous Intensity (Nom)
			Nominal Lifetime (Nom)	Luminous Flux	
928096905330	MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6	96	60 %	2,800 lm	14,300 cd

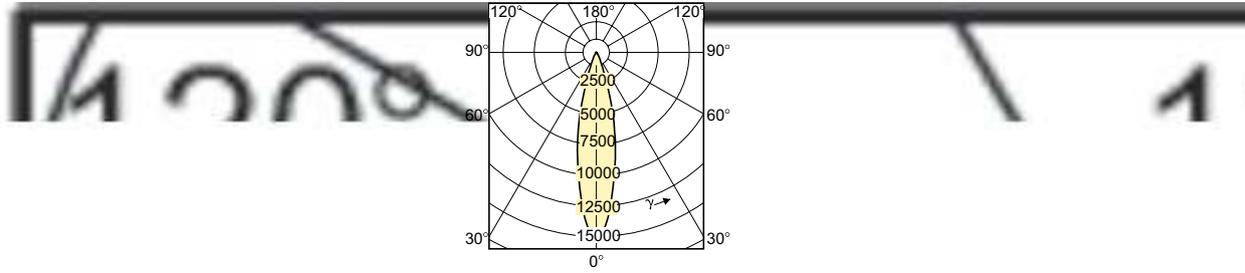
## Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power
			Consumption
928096505330	MASTERC CDM-R111 35W/942 GX8.5 24D 1CT	86 V	39.1 W

Order Code	Full Product Name	Voltage (Nom)	Power
			Consumption
928096905330	MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6	92 V	73.2 W

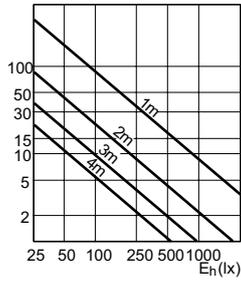
## Approval and Application

Order Code	Full Product Name	Energy	Mercury	Mercury
		Consumption kWh/1000 h	(Hg) Content (Max)	(Hg) Content (Nom)
928096505330	MASTERC CDM-R111 35W/942 GX8.5 24D 1CT	40 kWh	2.8 mg	3.0 mg
928096905330	MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6	74 kWh	6.6 mg	6.3 mg

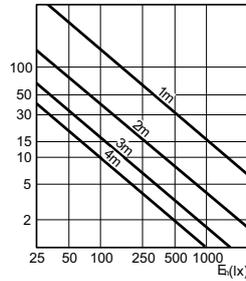


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## Accent Diagrams

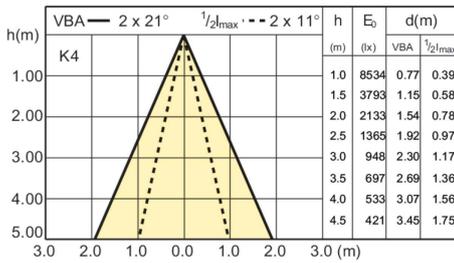


Accent Diagram - MASTERC CDM-R111  
35W/942 GX8.5 24D 1CT

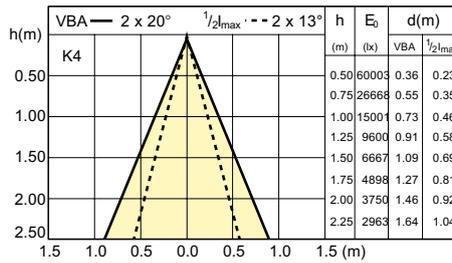


Accent Diagram - MASTERC CDM-R111  
70W/942 GX8.5 24D 1CT/6

## Beam Diagrams



Beam diagram - MASTERC CDM-R111 35W/942  
GX8.5 24D 1CT



Beam diagram - MASTERC CDM-R111 70W/942  
GX8.5 24D 1CT/6

