



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
- \cdot Long lamp life time compared to incandescent and halogen lamps
- $\boldsymbol{\cdot}$ The ceramic discharge tube is optimally and stable positioned in the reflector
- · Twist & Lock system
- · UV-Block burner capsule
- · Anti-glare cap design

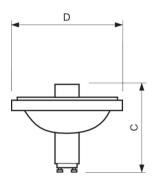
Application

- Accent and decorative lighting: display lighting with sparkling, theatrical effects, even in surroundings with very high background ambient light levels like shops
- · 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.

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
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4200 K
Operating and Electrical	
Warm-up time to 60% light	120 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Reflector
Bulb shape	R111

General Information

Order Code	Full Product Name	Switching Cycle
21387710	CDM-R111 35W/942 24D.1CT/6	800
21393810	MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6	1,000

Light Technical

			LLMF at end of		
		Colour	nominal		Luminous
Order		rendering	lifetime	Luminous	intensity
Code	Full Product Name	index (CRI)	(nom.)	Flux	(nom.)
21387710	CDM-R111 35W/942	93	65 %	1,300 lm	7,350 cd
	24D.1CT/6				
21393810	MASTERColour CDM-	96	60 %	2,800 lm	14,300 cd
	R111 70W/942 GX8.5				
	24D 1CT/6				

Operating and Electrical

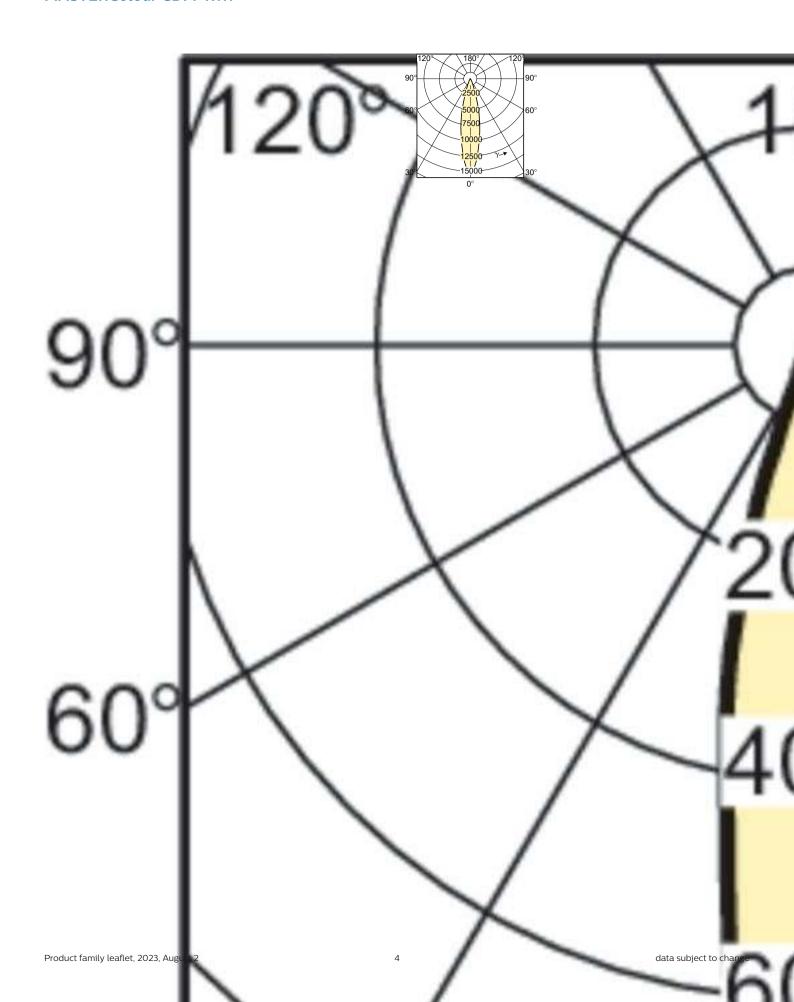
		Voltage	Power
Order Code	Full Product Name	(nom.)	Consumption
21387710	CDM-R111 35W/942 24D.1CT/6	86 V	39.1 W

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		Voltage	Power
Order Code	Full Product Name	(nom.)	Consumption
21393810	MASTERColour CDM-R111 70W/942	92 V	73.2 W
	GX8.5 24D 1CT/6		

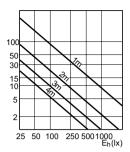
Approval and Application

		Energy	Mercury	Mercury
Order		consumption	(Hg) content	(Hg) content
Code	Full Product Name	kWh/1,000 hours	(max.)	(nom.)
21387710	CDM-R111 35W/942	40 kWh	2.8 mg	3.0 mg
	24D.1CT/6			
21393810	MASTERColour CDM-R111	74 kWh	6.6 mg	6.3 mg
	70W/942 GX8.5 24D			
	1CT/6			

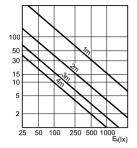


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Accent Diagrams

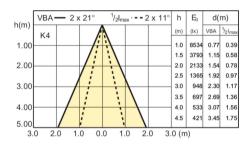


Accent Diagram - MASTERC CDM-R111 35W/942 GX8.5 24D 1CT



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

Beam Diagrams



VBA h(m) 0.50 0.50 60003 0.36 0.23 0.75 26668 0.55 0.35 1.00 1.00 15001 0.73 0.46 1.25 9600 0.91 0.58 1.50 1.50 6667 1.09 0.69 1.75 4898 1.27 0.81 2.00 2.00 3750 1.46 0.92 2.25 2963 1.64 2.50 1.5 1.0 0.5 0.0 0.5 1.0 1.5 (m)

Beam diagram - MASTERC CDM-R111 35W/942 GX8.5 24D 1CT Beam diagram - MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6



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