



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
- $\boldsymbol{\cdot}$ 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 windows
- · General lighting: in downlighters, a warm, comfortable atmosphere can be created

Warnings and Safety

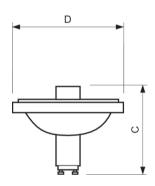
- · Control gear must include end-of-life protection (IEC61167, IEC 62035)
- · Use only with electronic control gear. 35W/830 lamps may also use electromagnetic gear.
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove 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.

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
Controls and Dimming	
Dimmable	No
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

			LLMF At		
			End Of		
		Color	Nominal		Luminous
	Full Product	rendering	Lifetime	Luminous	Intensity
Order Code	Name	index (CRI)	(Nom)	Flux	(Nom)
0000005050500					
928096505330	MASTERC CDM-	93	65 %	1,300 lm	7,350 cd
928096505330	MASTERC CDM- R111 35W/942	93	65 %	1,300 lm	7,350 cd

			LLMF At		
			End Of		
		Color	Nominal		Luminous
	Full Product	rendering	Lifetime	Luminous	Intensity
Order Code	Name	index (CRI)	(Nom)	Flux	(Nom)
928096905330	MASTERC CDM-	96	60 %	2.800 lm	14,300 cd
320030303330	MASTERC COM	50	00 /0	2,000 1111	,500 ca
320030303330	R111 70W/942	30	00 %	2,000 1111	11,500 ca

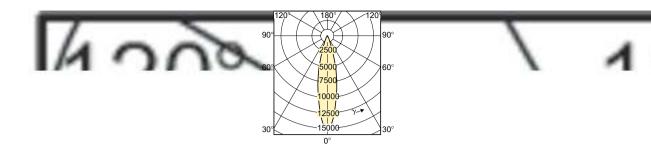
Operating and Electrical

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

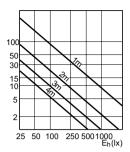
			Power
Order Code	Full Product Name	Voltage (Nom)	Consumption
928096905330	MASTERC CDM-R111 70W/942	92 V	73.2 W
	GX8.5 24D 1CT/6		

Approval and Application

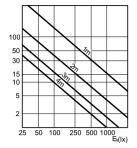
		Energy Consumption	Mercury (Hg) Content	Mercury (Hg) Content
Order Code	Full Product Name	kWh/1000 h	(Max)	(Nom)
928096505330	MASTERC CDM-R111 35W/942 GX8.5 24D 1CT	40 kWh	2.8 mg	3.0 mg
928096905330	MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6	74 kWh	6.6 mg	6.3 mg



Accent Diagrams

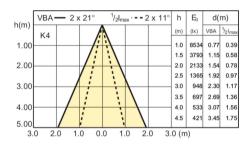


Accent Diagram - MASTERC CDM-R111 35W/942 GX8.5 24D 1CT



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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