



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

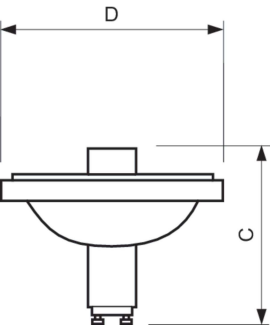
- Accent and decorative lighting: display lighting with sparkling, theatrical effects, even in surroundings with very high background ambient light levels like shops windows
- General lighting: in downlighters, a warm, comfortable atmosphere can be created

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.

MASTERColour CDM-R111

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
MASTERC CDM-R111 70W/942 GX8.5 40D 1CT/6	111 mm	95 mm

General Information	
Cap-Base	GX8.5
Operating Position	UNIVERSAL
Light Technical	
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
21387710	CDM-R111 35W/942 24D.1CT/6	800
21393810	MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6	1,000
21395210	MASTERColour CDM-R111 70W/942 GX8.5 40D 1CT/6	1,000

Light Technical (1/2)

		Beam	Chromaticity	Chromaticity	Color
		Angle	Coordinate X	Coordinate Y	rendering
Order	Full Product Name	(Nom)	(Nom)	(Nom)	index
Code					(CRI)
21387710	CDM-R111 35W/942 24D.1CT/6	24 degree(s)	0.371	0.366	93
21393810	MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6	24 degree(s)	0.371	0.366	96

		Beam	Chromaticity	Chromaticity	Color
		Angle	Coordinate X	Coordinate Y	rendering
Order	Full Product Name	(Nom)	(Nom)	(Nom)	index
Code					(CRI)
21395210	MASTERColour CDM-R111 70W/942 GX8.5 40D 1CT/6	40 degree(s)	0.381	0.370	96

Light Technical (2/2)

		LLMF At End		
		Of Nominal	Luminous	Luminous
Order	Full Product Name	Lifetime	Flux	Intensity
Code		(Nom)		(Nom)
21387710	CDM-R111 35W/942 24D.1CT/6	65 %	1,300 lm	7,350 cd
21393810	MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6	60 %	2,800 lm	14,300 cd

		LLMF At End		
		Of Nominal	Luminous	Luminous
Order	Full Product Name	Lifetime	Flux	Intensity
Code		(Nom)		(Nom)
21395210	MASTERColour CDM-R111 70W/942 GX8.5 40D 1CT/6	60 %	-	6,700 cd

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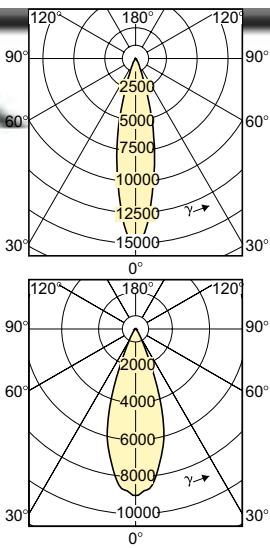
Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
21387710	CDM-R111 35W/942 24D.1CT/6	86 V	39.1 W
21393810	MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6	92 V	73.2 W

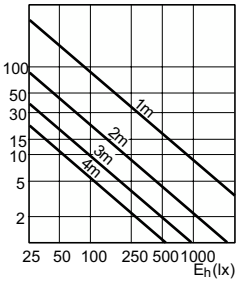
Order Code	Full Product Name	Voltage (Nom)	Power Consumption
21395210	MASTERColour CDM-R111 70W/942 GX8.5 40D 1CT/6	92 V	73.2 W

Approval and Application

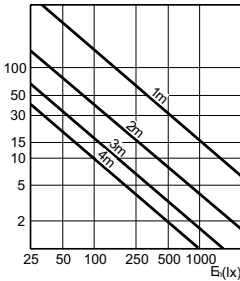
Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
21387710	CDM-R111 35W/942 24D.1CT/6	40 kWh	2.8 mg	3.0 mg
21393810	MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6	74 kWh	6.6 mg	6.3 mg
21395210	MASTERColour CDM-R111 70W/942 GX8.5 40D 1CT/6	80 kWh	-	6.3 mg



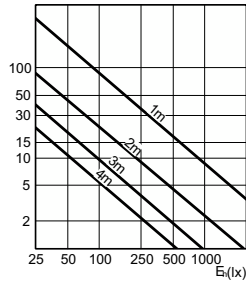
Accent Diagrams



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

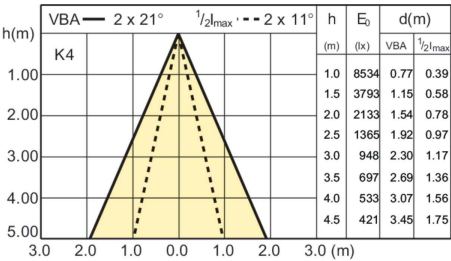


Accent Diagram - MASTER CDM-R111
 70W/942 GX8.5 24D 1CT/6

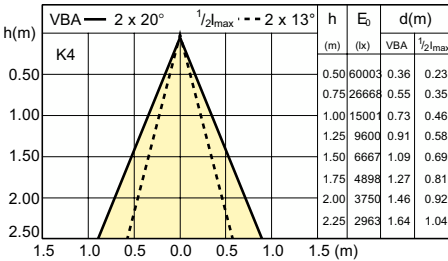


Accent Diagram - MASTER CDM-R111
 70W/942 GX8.5 40D 1CT/6

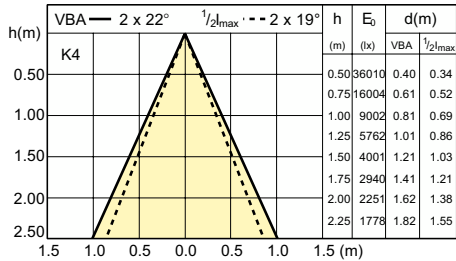
Beam Diagrams



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



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



Beam diagram - MASTER CDM-R111 70W/942
 GX8.5 40D 1CT/6

