



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

Versions



Dimensional drawing

D

Product	D (max)	C (max)
MASTERColour CDM-R111 70W/942 GX8.5 40D 1CT/6	111 mm	95 mm
MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6	111 mm	95 mm

MASTERCcolour CDM-R111

Approval and Application

Energy Consumption kWh/1000 h	80 kWh
Energy Efficiency Label (EEL)	B
Mercury (Hg) Content (Nom)	6.3 mg

Controls and Dimming

Dimmable	No
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Operating and Electrical

Voltage (Max)	114 V
Voltage (Min)	79 V
Voltage (Nom)	92 V
Power (Rated) (Nom)	73.2 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)	8500 h
Life To 20% Failures (Nom)	9500 h
Life To 50% Failures (Nom)	11000 h
Life To 5% Failures (Nom)	7500 h
Operating Position	UNIVERSAL
Switching Cycle	1000X

Light Technical

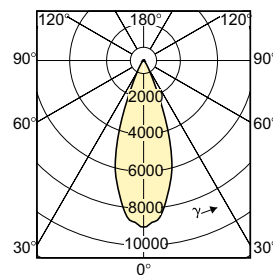
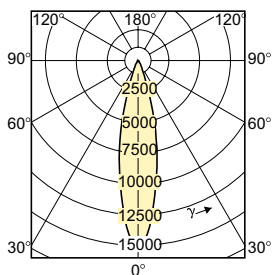
Chromaticity Coordinate X (Nom)	0.381
Chromaticity Coordinate Y (Nom)	0.370
Colour Code	942
Colour Designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4200 K
Colour Rendering Index (Nom)	96
Llmf At End Of Nominal Lifetime (Nom)	60 %
Luminous Flux (Rated) (Nom)	2850 lm

Mechanical and Housing

Bulb Finish	Reflector
Bulb Shape	R111

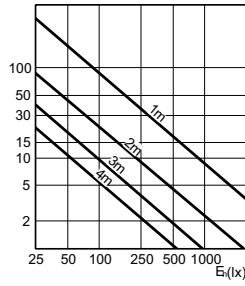
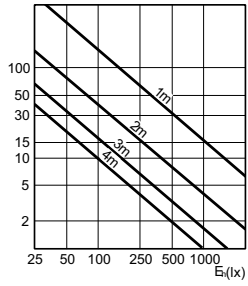
Light Technical

Order Code	Full Product Name	Beam		Luminous	
		Angle (Nom)	Beam Description	Intensity (Min)	Intensity (Nom)
928096905330	MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6	24 °	Narrow Flood	11000 cd	14500 cd
928098105330	MASTERCcolour CDM-R111 70W/942 GX8.5 40D 1CT/6	40 °	Flood	6000 cd	8000 cd



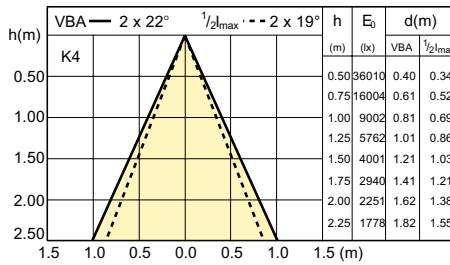
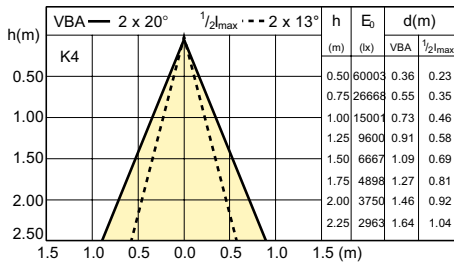
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Accent Diagrams



LDAC_CDM-R111_70W_942_24D-Accent diagram

Beam Diagrams



LDAC_CDM-R111_70W_942_24D-Beam diagram

LDAC_CDM-R111_70W_942_40D-Beam diagram

