



Beautiful sparkle, trendy design

MASTERColour CDM-R111

The MASTERColour CDM-R111 combines the trendy look of 111 mm aluminum 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 risk of fading

Features

- High lamp efficacy
- Long lifetime compared to incandescent and halogen lamps
- The ceramic discharge tube is optimally and stably 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 shop windows
- General lighting: in downlighters, a warm and comfortable atmosphere can be created

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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



CDM-R111, 24D/40D

Dimensional drawing

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Product	D (max)	C (max)
MASTERColour CDM-R111 70W/942 GX8.5 40D 1CT/6	111 mm	95 mm
MASTERColour CDM-R111 35W/942 GX8.5 40D 1CT/6	111 mm	95 mm
MASTERColour CDM-R111 35W/942 GX8.5 24D 1CT	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 Efficiency Label (EEL)	B
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Re-Ignition Time (Min) (Max)	15 min
Warm Up Time To 60% Light (Nom)	120 s
General Information	
Cap-Base	GX8.5
Operating Position	UNIVERSAL
Light Technical	
Color Code	942
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4200 K
Mechanical and Housing	
Bulb Finish	Reflector
Bulb Shape	R111

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
928096505330	MASTERCcolour CDM-R111 35W/942 GX8.5 24D 1CT	43 kWh	3.0 mg
928096605330	MASTERCcolour CDM-R111 35W/942 GX8.5 40D 1CT/6	43 kWh	3.0 mg
928096905330	MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6	80 kWh	6.3 mg
928098105330	MASTERCcolour CDM-R111 70W/942 GX8.5 40D 1CT/6	80 kWh	6.3 mg

Operating and Electrical

Order Code	Full Product Name	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Rated) (Nom)
928096505330	MASTERCcolour CDM-R111 35W/942 GX8.5 24D 1CT	94 V	78 V	86 V	39 W
928096605330	MASTERCcolour CDM-R111 35W/942 GX8.5 40D 1CT/6	94 V	78 V	86 V	39 W

Order Code	Full Product Name	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Rated) (Nom)
928096905330	MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6	114 V	79 V	92 V	73 W
928098105330	MASTERCcolour CDM-R111 70W/942 GX8.5 40D 1CT/6	114 V	79 V	92 V	73 W

General Information (1/2)

Order Code	Full Product Name	Life To 10% Failures (Nom)	Life To 20% Failures (Nom)	Life To 50% Failures (Nom)	Life To 5% Failures (Nom)
		928096505330	MASTERCcolour CDM-R111 35W/942 GX8.5 24D 1CT	6500 h	7000 h
928096605330	MASTERCcolour CDM-R111 35W/942 GX8.5 40D 1CT/6	6500 h	7000 h	9000 h	6000 h

Order Code	Full Product Name	Life To 10% Failures (Nom)	Life To 20% Failures (Nom)	Life To 50% Failures (Nom)	Life To 5% Failures (Nom)
		928096905330	MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6	8500 h	9500 h
928098105330	MASTERCcolour CDM-R111 70W/942 GX8.5 40D 1CT/6	8500 h	9500 h	11000 h	7500 h

General Information (2/2)

Order Code	Full Product Name	Switching Cycle
928096505330	MASTERCcolour CDM-R111 35W/942 GX8.5 24D 1CT	800X

Order Code	Full Product Name	Switching Cycle
928096605330	MASTERCcolour CDM-R111 35W/942 GX8.5 40D 1CT/6	800X

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Order Code	Full Product Name	Switching Cycle
928096905330	MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6	1000X

Order Code	Full Product Name	Switching Cycle
928098105330	MASTERCcolour CDM-R111 70W/942 GX8.5 40D 1CT/6	1000X

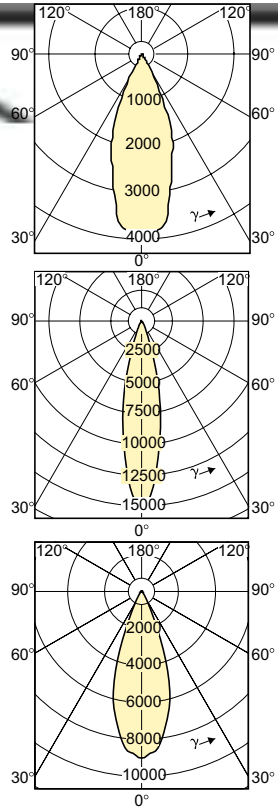
Light Technical (1/2)

Order Code	Full Product Name	Beam		Chromaticity	
		Angle (Nom)	Beam Description	Coordinate X (Nom)	Coordinate Y (Nom)
928096505330	MASTERCcolour CDM-R111 35W/942 GX8.5 24D 1CT	24 °	Narrow Flood	0.370	0.365
928096605330	MASTERCcolour CDM-R111 35W/942 GX8.5 40D 1CT/6	40 °	Flood	0.370	0.365

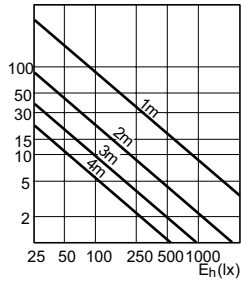
Order Code	Full Product Name	Beam		Chromaticity	
		Angle (Nom)	Beam Description	Coordinate X (Nom)	Coordinate Y (Nom)
928096905330	MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6	24 °	Narrow Flood	0.381	0.370
928098105330	MASTERCcolour CDM-R111 70W/942 GX8.5 40D 1CT/6	40 °	Flood	0.381	0.370

Light Technical (2/2)

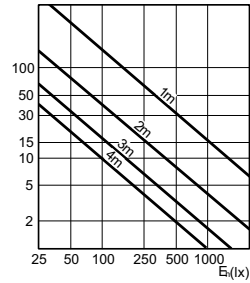
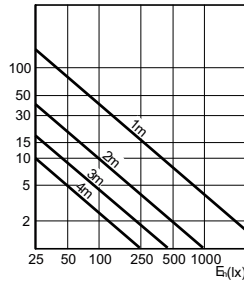
Order Code	Full Product Name	Color Rendering Index (Nom)	Llmf At			
			End Of Lifetime (Nom)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Min)	Luminous Intensity (Nom)
928096505330	MASTERCcolour CDM-R111 35W/942 GX8.5 24D 1CT	93	65 %	1350 lm	5700 cd	7500 cd
928096605330	MASTERCcolour CDM-R111 35W/942 GX8.5 40D 1CT/6	93	65 %	1350 lm	3000 cd	4000 cd
928096905330	MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6	96	60 %	2850 lm	11000 cd	14500 cd
928098105330	MASTERCcolour CDM-R111 70W/942 GX8.5 40D 1CT/6	96	60 %	2850 lm	6000 cd	8000 cd



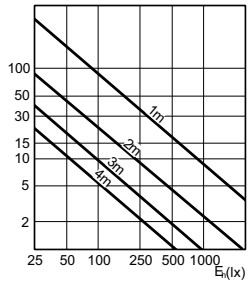
Accent Diagrams



LDAC_CDM-R111_35W_24D-Accent diagram



LDAC_CDM-R111_70W_942_24D-Accent diagram

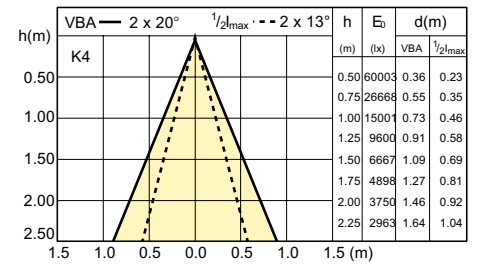


Beam Diagrams

VBA — 2 x 21° 1/2max — 2 x 11° h | E₀ | d(m)



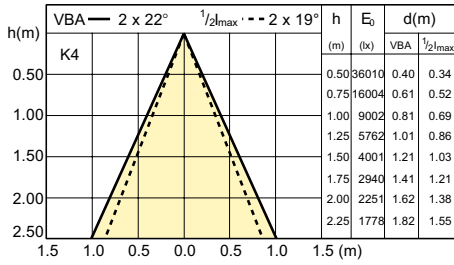
LDBE_CDM-R111_35W_40D-Beam diagram



LDBE_CDM-R111_70W_942_24D-Beam diagram

MASTERColour CDM-R111

Beam Diagrams



LD BE_CDM-R111_70W_942_40D-Beam diagram

