



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

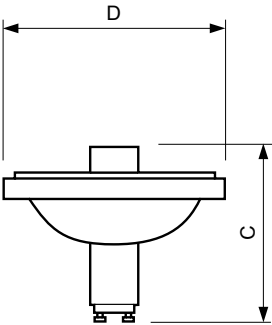
- Accent and decorative lighting: display lighting with sparkling, theatrical effects, even in surroundings with very high background ambient light levels like shops windows
- General lighting: in downlighters, a warm, comfortable atmosphere can be created

MASTERCLOUR CDM-R111

Versions



Dimensional drawing



Product	D (max)	C (max)
MASTERCLOUR CDM-R111 35W/942 GX8.5 40D 1CT/6	111 mm	95 mm
MASTERCLOUR CDM-R111 35W/942 GX8.5 24D 1CT	111 mm	95 mm
MASTERCLOUR CDM-R111 70W/942 GX8.5 24D 1CT/6	111 mm	95 mm

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

Colour Code 942

Colour Designation Cool White (CW)

Correlated Colour 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)
21387710	CDM-R111 35W/942 24D.1CT/6	43 kWh	3.0 mg
21389110	MASTERCLOUR CDM-R111 35W/942 GX8.5 40D 1CT/6	43 kWh	3.0 mg
21393810	MASTERCLOUR CDM-R111 70W/942 GX8.5 24D 1CT/6	80 kWh	6.3 mg

Operating and Electrical

MASTERCcolour CDM-R111

Order Code	Full Product Name	Voltage	Voltage	Voltage	Power
		(Max)	(Min)	(Nom)	(Rated) (Nom)
21387710	CDM-R111 35W/942 24D.1CT/6	94 V	78 V	86 V	39 W
21389110	MASTERCcolour CDM-R111 35W/942 GX8.5 40D 1CT/6	94 V	78 V	86 V	39 W

Order Code	Full Product Name	Voltage	Voltage	Voltage	Power
		(Max)	(Min)	(Nom)	(Rated) (Nom)
21393810	MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6	114 V	79 V	92 V	73 W

General Information (1/2)

Order Code	Full Product Name	Life To	Life To	Life To	Life To
		10% Failures (Nom)	20% Failures (Nom)	50% Failures (Nom)	Life To 5% Failures (Nom)
21387710	CDM-R111 35W/942 24D.1CT/6	6500 h	7000 h	9000 h	6000 h
21389110	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	Life To	Life To	Life To
		10% Failures (Nom)	20% Failures (Nom)	50% Failures (Nom)	Life To 5% Failures (Nom)
21393810	MASTERCcolour CDM- R111 70W/942 GX8.5 24D 1CT/6	8500 h	9500 h	11000 h	7500 h

General Information (2/2)

Order Code	Full Product Name	Switching Cycle
21387710	CDM-R111 35W/942 24D.1CT/6	800X
21389110	MASTERCcolour CDM-R111 35W/942 GX8.5 40D 1CT/6	800X

Order Code	Full Product Name	Switching Cycle
21393810	MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6	1000X

Light Technical (1/2)

Order Code	Full Product Name	Beam		Chromaticity	
		Angle (Nom)	Beam Description	Coordinate X (Nom)	Coordinate Y (Nom)
21387710	CDM-R111 35W/942 24D.1CT/6	24 °	Narrow Flood	0.370	0.365
21389110	MASTERCcolour CDM-R111 35W/942 GX8.5 40D 1CT/6	40 °	Flood	0.370	0.365

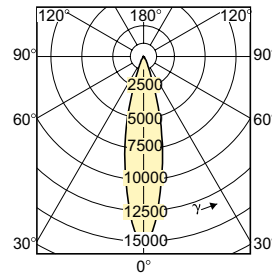
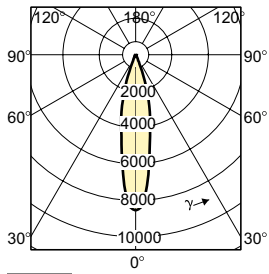
Order Code	Full Product Name	Beam		Chromaticity	
		Angle (Nom)	Beam Description	Coordinate X (Nom)	Coordinate Y (Nom)
21393810	MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6	24 °	Narrow Flood	0.381	0.370

Light Technical (2/2)

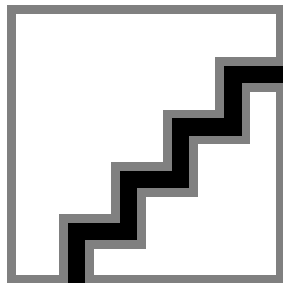
Order Code	Full Product Name	Colour Rendering Index (Nom)	Llmf At			
			End Of Lifetime (Nom)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Min)	Luminous Intensity (Nom)
21387710	CDM-R111 35W/942 24D.1CT/6	93	65 %	1350 lm	5700 cd	7500 cd
21389110	MASTERCcolour CDM-R111 35W/942 GX8.5 40D 1CT/6	93	65 %	1350 lm	3000 cd	4000 cd

Order Code	Full Product Name	Colour Rendering Index (Nom)	Llmf At			
			End Of Lifetime (Nom)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Min)	Luminous Intensity (Nom)
21393810	MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6	96	60 %	2850 lm	11000 cd	14500 cd

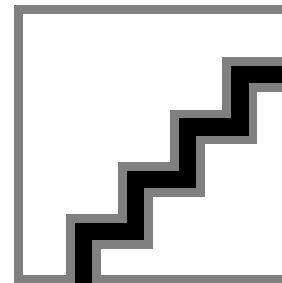
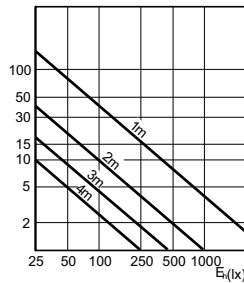
MASTERCoulour CDM-R111



Accent Diagrams

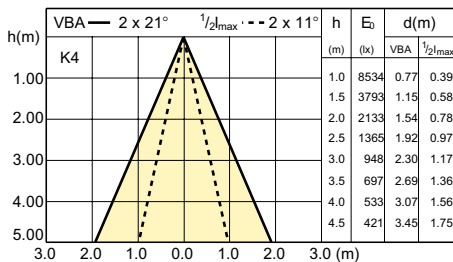


LDAC_CDM-R111_35W_24D-Accent diagram

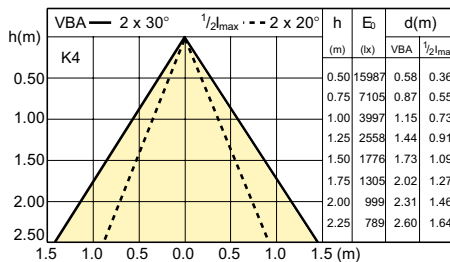


LDAC_CDM-R111_70W_942_24D-Accent diagram

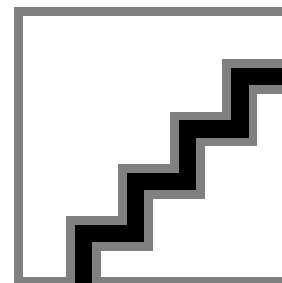
Beam Diagrams



LDDBE_CDM-R111_35W_24D-Beam diagram



LDDBE_CDM-R111_35W_40D-Beam diagram



LDDBE_CDM-R111_70W_942_24D-Beam diagram

