



## 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

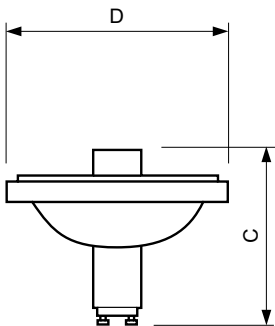
# MASTERColour CDM-R111

## Versions



CDM-R111, 24D/40D

## Dimensional drawing



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
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

### 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)
21387710	CDM-R111 35W/942 24D.1CT/6	43 kWh	3.0 mg
21389110	MASTERColour CDM-R111 35W/942 GX8.5 40D 1CT/6	43 kWh	3.0 mg
21393810	MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6	80 kWh	6.3 mg
21395210	MASTERColour CDM-R111 70W/942 GX8.5 40D 1CT/6	80 kWh	6.3 mg

## Operating and Electrical

## MASTERColour CDM-R111

Order Code	Full Product Name	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Rated) (Nom)
21387710	CDM-R111 35W/942 24D.1CT/6	94 V	78 V	86 V	39 W
21389110	MASTERColour CDM-R111 35W/942 GX8.5 40D 1CT/6	94 V	78 V	86 V	39 W
21393810	MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6	114 V	79 V	92 V	73 W

Order Code	Full Product Name	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Rated) (Nom)
21395210	MASTERColour 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)
21387710	CDM-R111 35W/942 24D.1CT/6	6500 h	7000 h	9000 h	6000 h
21389110	MASTERColour CDM-R111 35W/942 GX8.5 40D 1CT/6	6500 h	7000 h	9000 h	6000 h
21393810	MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6	8500 h	9500 h	11000 h	7500 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)
21395210	MASTERColour 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
21387710	CDM-R111 35W/942 24D.1CT/6	800X
21389110	MASTERColour CDM-R111 35W/942 GX8.5 40D 1CT/6	800X

Order Code	Full Product Name	Switching Cycle
21393810	MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6	1000X
21395210	MASTERColour CDM-R111 70W/942 GX8.5 40D 1CT/6	1000X

### Light Technical (1/2)

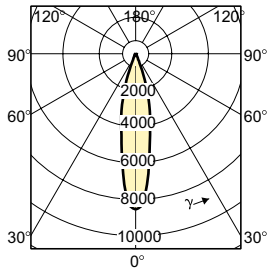
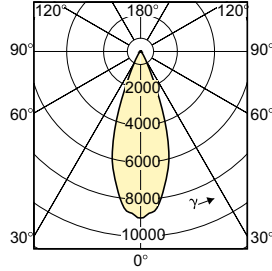
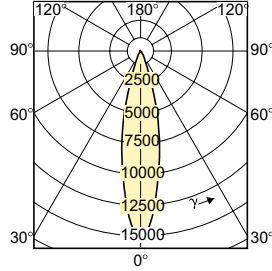
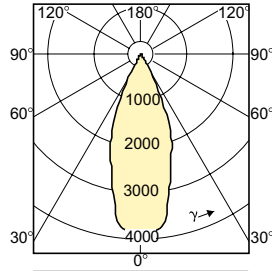
Order Code	Full Product Name	Beam Angle (Nom)	Beam Description	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)
21387710	CDM-R111 35W/942 24D.1CT/6	24 °	Narrow Flood	0.370	0.365
21389110	MASTERColour CDM-R111 35W/942 GX8.5 40D 1CT/6	40 °	Flood	0.370	0.365
21393810	MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6	24 °	Narrow Flood	0.381	0.370

Order Code	Full Product Name	Beam Angle (Nom)	Beam Description	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)
21395210	MASTERColour CDM-R111 70W/942 GX8.5 40D 1CT/6	40 °	Flood	0.381	0.370

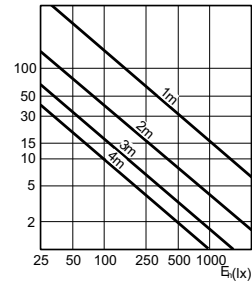
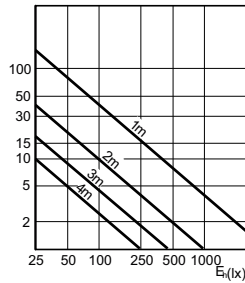
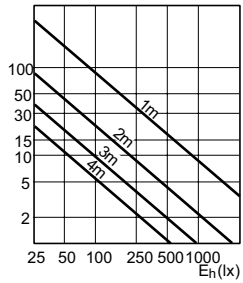
### Light Technical (2/2)

# MASTERColour CDM-R111

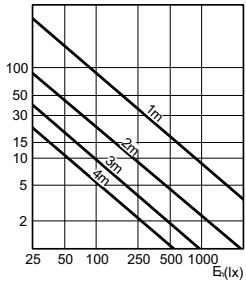
Order Code	Full Product Name	Color Rendering Index (Nom)	Lmf At		Luminous Flux (Rated) (Nom)	Luminous Intensity (Min)	Luminous Intensity (Nom)
			End Of Nominal Lifetime (Nom)	Luminous			
21387710	CDM-R111 35W/942 24D.1CT/6	93	65 %		1350 lm	5700 cd	7500 cd
21389110	MASTERColour CDM-R111 35W/942 GX8.5 40D 1CT/6	93	65 %		1350 lm	3000 cd	4000 cd
21393810	MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6	96	60 %		2850 lm	11000 cd	14500 cd
21395210	MASTERColour CDM-R111 70W/942 GX8.5 40D 1CT/6	96	60 %		2850 lm	6000 cd	8000 cd



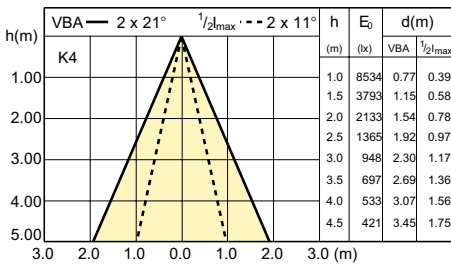
## Accent Diagrams



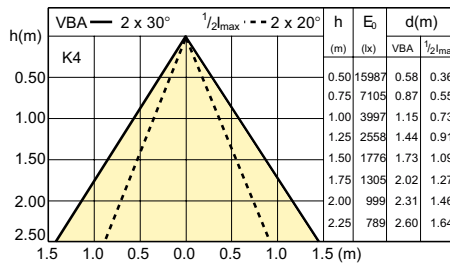
## Accent Diagrams



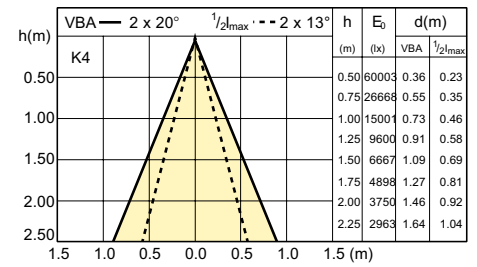
## Beam Diagrams



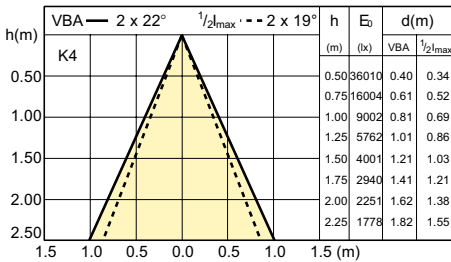
LDBE\_CDM-R111\_35W\_24D-Beam diagram



LDBE\_CDM-R111\_35W\_40D-Beam diagram



LDBE\_CDM-R111\_70W\_942\_24D-Beam diagram



LDBE\_CDM-R111\_70W\_942\_40D-Beam diagram

