



# MASTERColour CDM-R111



## MASTERColour CDM-R111 35W/942 GX8.5 24D 1CT

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.

### 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.

### Product data

General information			
Cap-Base	GX8.5 [ GX8.5]	Beam Angle (Nom)	24 °
Operating Position	UNIVERSAL [ Any or Universal (U)]	Beam Angle Technical (Nom)	23 °
Life to 5% Failures (Nom)	6000 h	Beam Angle Technical (Max)	28 °
Life To 10% Failures (Nom)	6500 h	Beam Angle Technical (Min)	18 °
Life to 20% Failures (Nom)	7000 h	Luminous Flux (Nom)	1300 lm
Life to 50% Failures (Nom)	9000 h	Luminous Flux (Rated) (Nom)	1350 lm
ANSI Code HID	M130/O	Luminous Intensity (Min)	5700 cd
Switching Cycle	800X	Luminous Intensity (Nom)	7350 cd
Flux measurement reference	Narrow Cone	Beam Description	Narrow Flood
		Color Designation	Cool White (CW)
		Chromaticity Coordinate X (Nom)	0.371
		Chromaticity Coordinate Y (Nom)	0.366
		Correlated Color Temperature (Nom)	4200 K

# MASTERCcolour CDM-R111

Color Rendering Index (Nom)	93
LLMF At End Of Nominal Lifetime (Nom)	65 %
Luminous Flux in 90° Cone (Rated)	1300 lm

## Operating and electrical

Power (Nom)	39.1 W
Ignition Supply Voltage (Max)	198 V
Ignition Supply Voltage (Min)	198 V
Re-Ignition Time (Min) (Max)	15 min
Warm Up Time to 60% Light (Nom)	120 s
Ignition Time (Max)	30 s
Voltage (Max)	94 V
Voltage (Min)	78 V
Voltage (Nom)	86 V

## Controls and dimming

Dimmable	No
Run-Up Time 90% (Max)	3 min

## Mechanical and housing

Bulb Finish	Reflector
Bulb Shape	R111 [ R 111mm]

## Approval and application

Energy Efficiency Class	G
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Mercury (Hg) Content (Max)	2.8 mg
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	40 kWh
EPREL Registration Number	473358

## UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.4

## Product data

Full product code	871150021387710
Order product name	MASTERCcolour CDM-R111 35W/942 GX8.5 24D 1CT
EAN/UPC - Product	8711500213877
Order code	928096505330
Numerator - Quantity Per Pack	1
Local code description	MASTERC CDM-R111 35W/942 GX8.5 24D 1CT
Numerator - Packs per outer box	6
Material Nr. (12NC)	928096505330
Net Weight (Piece)	0.095 kg
ILCOS Code	MRS/UB-35/942-H-GX8.5-111/88/24

## Dimensional drawing

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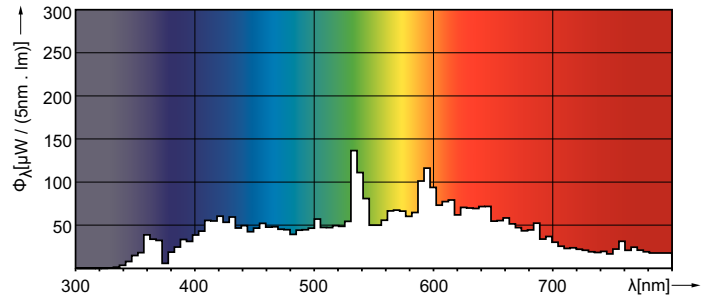
Product	D (max)	C (max)
MASTERCcolour CDM-R111 35W/942 GX8.5 24D 1CT	111 mm	95 mm

MASTERCcolour CDM-R111 35W/942 GX8.5 24D 1CT

# MASTERCoulour CDM-R111

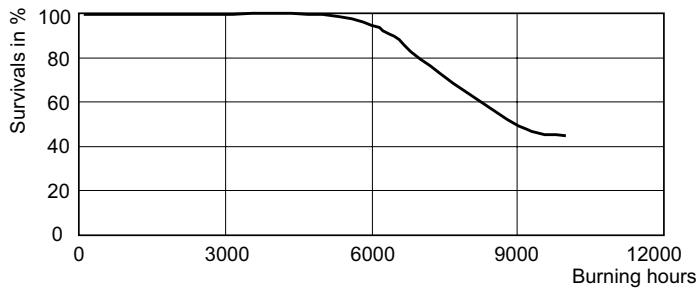
## Photometric data

14000 / 14000 / 14000

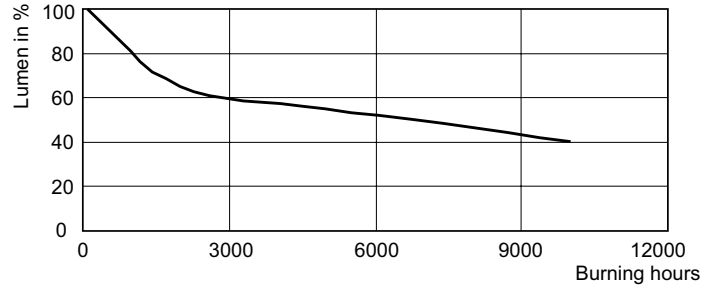


LDPO\_CDM-R111\_942-Spectral power distribution Colour

## Lifetime



LDLE\_CDM-R111\_35W\_942-Life expectancy diagram



LDLM\_CDM-R111\_35W\_942-Lumen maintenance diagram

