



# MASTERColour CDM-R111



## MASTERColour CDM-R111 70W/942 GX8.5 24D 1CT/6

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)	7500 h	Beam Angle Technical (Max)	28 °
Life To 10% Failures (Nom)	8500 h	Beam Angle Technical (Min)	18 °
Life to 20% Failures (Nom)	9500 h	Luminous Flux (Nom)	2800 lm
Life to 50% Failures (Nom)	11000 h	Luminous Flux (Rated) (Nom)	2850 lm
ANSI Code HID	M139/O	Luminous Intensity (Min)	11000 cd
Switching Cycle	1000X	Luminous Intensity (Nom)	14300 cd
Flux measurement reference	Narrow Cone	Beam Description	Narrow Flood
Light technical		Color Designation	Cool White (CW)
Color Code	942 [ CCT of 4200K]	Chromaticity Coordinate X (Nom)	0.371
		Chromaticity Coordinate Y (Nom)	0.366
		Correlated Color Temperature (Nom)	4200 K

# MASTERCoulour CDM-R111

Color Rendering Index (Nom)	96
LLMF At End Of Nominal Lifetime (Nom)	60 %
Luminous Flux in 90° Cone (Rated)	2800 lm
Operating and electrical	
Power (Nom)	73.2 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)	114 V
Voltage (Min)	79 V
Voltage (Nom)	92 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

## Dimensional drawing

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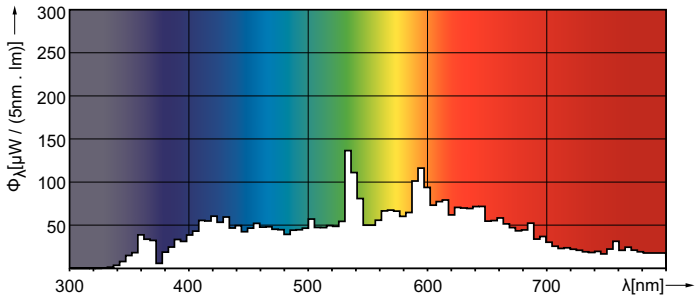
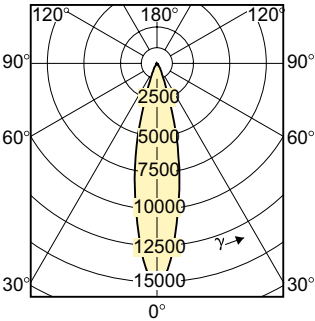
MASTERCoulour CDM-R111 70W/942 GX8.5 24D 1CT/6

Mercury (Hg) Content (Max)	6.6 mg
Mercury (Hg) Content (Nom)	6.3 mg
Energy Consumption kWh/1000 h	74 kWh
EPREL Registration Number	473360
UV	
Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.3
Product data	
Full product code	871150021393810
Order product name	MASTERCoulour CDM-R111 70W/942 GX8.5 24D 1CT/6
EAN/UPC - Product	8711500213938
Order code	928096905330
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928096905330
Net Weight (Piece)	0.095 kg
ILCOS Code	MRS/UB-70/942-H-GX8.5-111/88/24

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

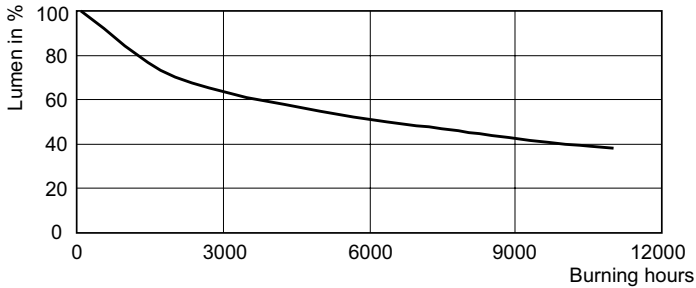
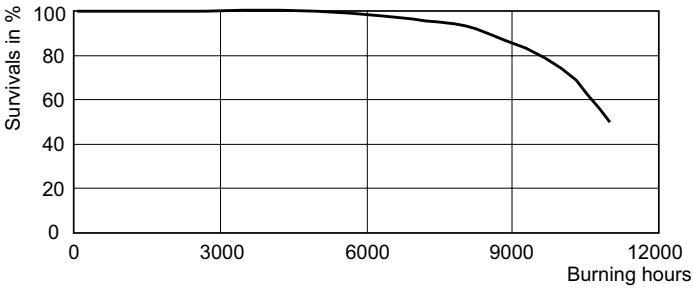
MASTERColour CDM-R111

Photometric data



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

Lifetime



LDLM\_CDM-R111\_70W\_942-Lumen maintenance diagram

