

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]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 5% Failures (Nom)	6000 h
Life To 10% Failures (Nom)	6500 h
Life to 20% Failures (Nom)	7000 h
Life to 50% Failures (Nom)	9000 h
ANSI Code HID	M130/O
Switching Cycle	800X
Flux measurement reference	Narrow Cone

Light technical	
Color Code	942 [CCT of 4200K]

Beam Angle (Nom)	24 °
Beam Angle Technical (Nom)	23 °
Beam Angle Technical (Max)	28 °
Beam Angle Technical (Min)	18 °
Luminous Flux (Nom)	1300 lm
Luminous Flux (Rated) (Nom)	1350 lm
Luminous Intensity (Min)	5700 cd
Luminous Intensity (Nom)	7350 cd
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

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

Dimensional drawing

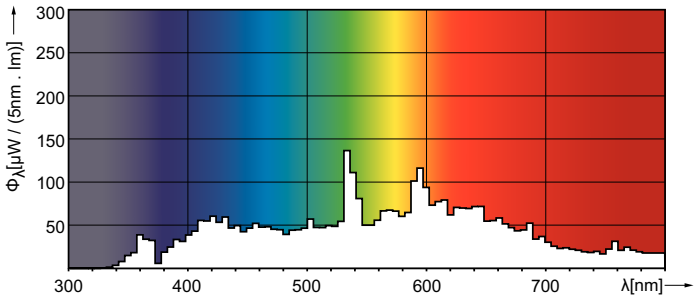
D

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

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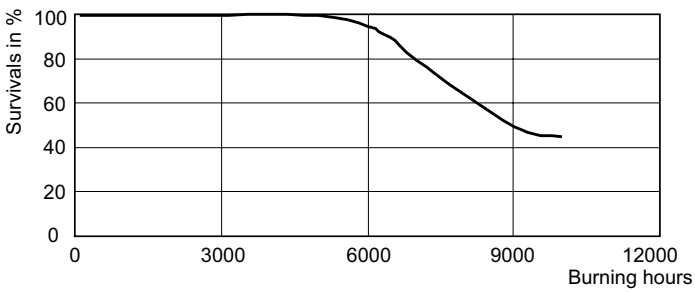
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Photometric data

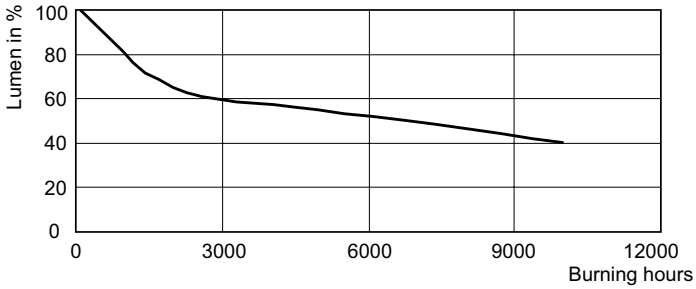


LDPO_CDM-R111_942-Spectral power distribution Colour

Lifetime



LDLE_CDM-R111_35W_942-Life expectancy diagram



LDLM_CDM-R111_35W_942-Lumen maintenance diagram

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