



MASTERColour CDM-R111

MASTERColour CDM-R111 35W/942 GX8.5 40D 1CT/6

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

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 technical	40 °
Operating position	UNIVERSAL [Any/Universal]	Beam angle technical	50 °
Life to 5% failures (nom.)	6000 h	Beam angle technical	30 °
Life to 10% failures (nom.)	6500 h	Luminous flux (rated) (nom.)	1350 lm
Life to 20% failures (nom.)	7000 h	Luminous intensity (min.)	3000 cd
Life to 50% failures (nom.)	9000 h	Luminous intensity (nom.)	3450 cd
ANSI code HID	M130/O	Beam description	Flood [Flood]
Switching cycle	800X	Colour designation	Cool White (CW)
Light Technical		Chromaticity coordinate X (nom.)	0.370
Colour Code	942 [CCT of 4,200 K]	Chromaticity coordinate Y (nom.)	0.365
Beam Angle (Nom)	40 °	Correlated Colour Temperature (Nom)	4200 K
		Colour rendering index (nom.)	93
		LLMF at end of nominal lifetime (nom.)	65 %

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Luminous flux in 90° cone (rated)	1300 lm
Operating and Electrical	
Power (Rated) (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	
Lamp Finish	Reflector
Bulb shape	R111 [R 111mm]
Approval and Application	
Energy Efficiency Class	G

Dimensional drawing

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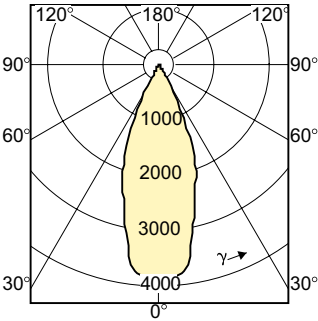
CDM-R111 35W/942 40D

Mercury (Hg) content (nom.)	3.0 mg
Energy consumption kWh/1,000 hours	43 kWh
UV	
PET (NIOSH) (min.)	8 h/500lx
Damage factor D/fc (max.)	0.4
Product Data	
Full product code	871150021389110
Order product name	MASTERColour CDM-R111 35W/942 GX8.5 40D 1CT/6
EAN/UPC – product	8711500213891
Order code	21389110
Local order code	35CDMR11194240
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	928096605330
SAP net weight (piece)	0.095 kg
ILCOS code	MRS/UB-35/942-H-GX8.5-111/88/40

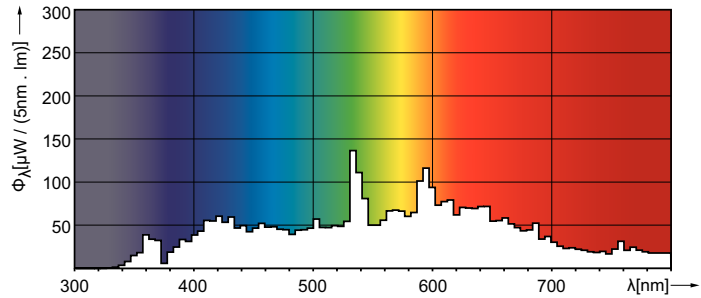
Product	D (max)	C (max)
MASTERColour CDM-R111 35W/942 GX8.5 40D 1CT/6	111 mm	95 mm

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Photometric data

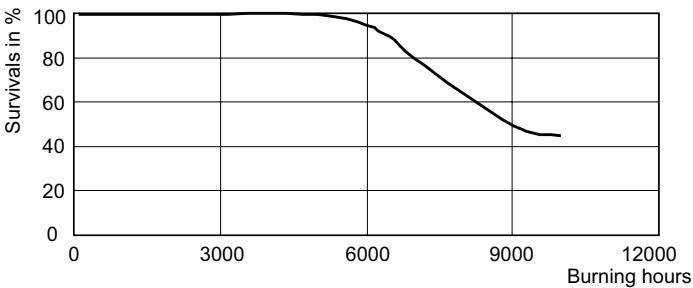


LDLD_CDM-R111_35W_40D-Light distribution diagram

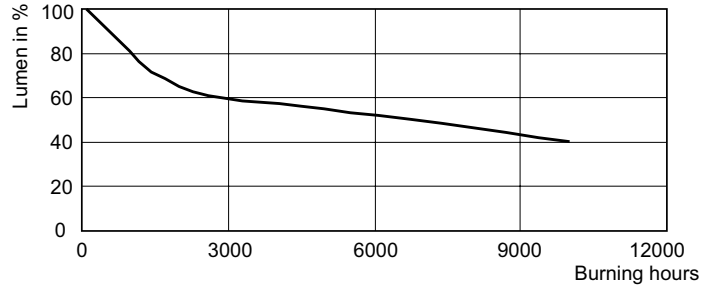


LDPO_CDM-R111_942-Spectral power distribution Colour

Lifetime



LDLE_CDM-R111_35W_942-Life expectancy diagram



LDLM_CDM-R111_35W_942-Lumen maintenance diagram

