



The logo of the DGVP is a red arrow pointing left, containing a white letter 'G'. To the right of the arrow is a white vertical rectangle containing the letters 'A' and 'G' stacked vertically, with an upward-pointing arrow between them.

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

- 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.

General Information	
Cap base	GX8.5 [GX8.5]
Operating position	UNIVERSAL [Any/Universal]
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
	Narrow Cone
Light Technical	
Colour Code	942 [CCT of 4,200 K]
Beam Angle (Nom)	24 °
Beam angle technical	23 °

Beam angle technical	28 °
Beam angle technical	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
Colour designation	Cool White (CW)
Chromaticity coordinate X (nom.)	0.371
Chromaticity coordinate Y (nom.)	0.366
Correlated Colour Temperature (Nom)	4200 K
Colour rendering index (nom.)	93
LLMF at end of nominal lifetime (nom.)	65 %
Luminous flux in 90° cone (rated)	1300 lm

MASTERCoulour CDM-R111

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
Mercury (Hg) content (max.)	2.8 mg

Mercury (Hg) content (nom.)	3.0 mg
Energy consumption kWh/1,000 hours	40 kWh
	473358
UV	
PET (NIOSH) (min.)	8 h/500lx
Damage factor D/fc (max.)	0.4
Product Data	
Full product code	871150021387710
Order product name	MASTERCoulour CDM-R111 35W/942 GX8.5 24D
	1CT
EAN/UPC – product	8711500213877
Order code	21387710
Local order code	35CDMR11194224
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	928096505330
SAP net weight (piece)	0.095 kg
ILCOS code	MRS/UB-35/942-H-GX8.5-111/88/24

Dimensional drawing

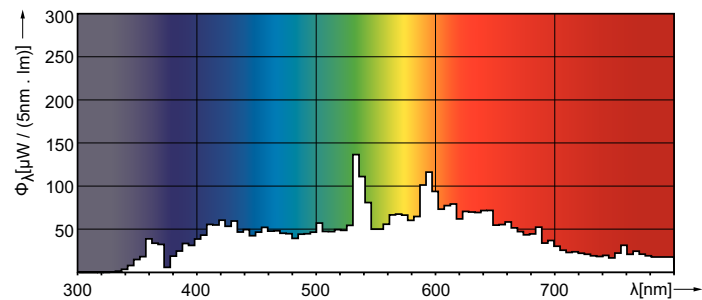
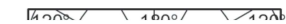


Product	D (max)	C (max)
MASTERCoulour CDM-R111 35W/942 GX8.5 24D 1CT	111 mm	95 mm

CDM-R111 35W/942 24D

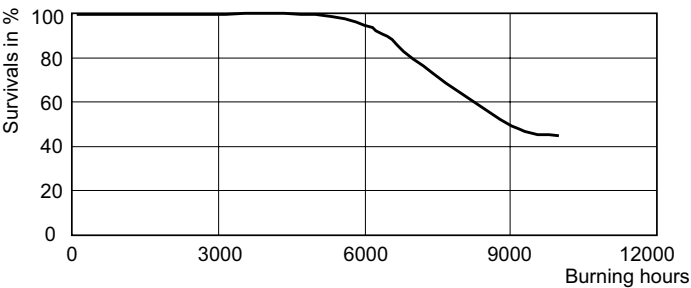
MASTERCoulour CDM-R111

Photometric data

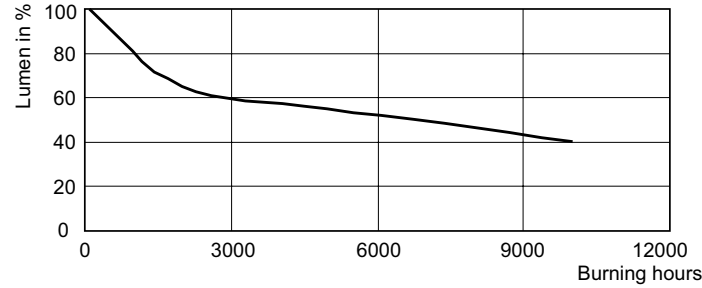


LDPO_CDM-R111_942-Spectral power distribution Colour

Lifetime



LDLE_CDM-R111_35W_942-Life expectancy diagram



LDLM_CDM-R111_35W_942-Lumen maintenance diagram

