



# MASTERCcolour CDM-R111

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

The MASTERCcolour CDM-R111 combines the trendy look of the 111 mm aluminium reflector halogen lamps with the long life, high energy efficiency and crisp white light of MASTERCcolour CDM.

### 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
Light Technical	
Colour code	942 [ CCT of 4,200 K]
Beam Angle (Nom)	40 °
Beam angle technical	36 °
Beam angle technical	45 °
Beam angle technical	27 °
Luminous flux (rated) (nom.)	1350 lm
Luminous intensity (min.)	3000 cd
Luminous intensity (nom.)	4000 cd
Beam description	Flood [ Flood]

Colour designation	Cool White (CW)
Chromaticity coordinate X (nom.)	0.370
Chromaticity coordinate Y (nom.)	0.365
Correlated colour temperature (nom.)	4200 K
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 (Rated) (Nom)	39 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

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## Controls and Dimming

Dimmable	No
Run-up time 90% (max.)	3 min

## Mechanical and Housing

Bulb finish	Reflector
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## Approval and Application

Energy efficiency label (EEL)	B
Mercury (Hg) content (nom.)	3.0 mg
Energy Consumption kWh/1000 h	43 kWh

## UV

PET (NIOSH) (min.)	8 h/500lx
Damage factor D/fc (max.)	0.4

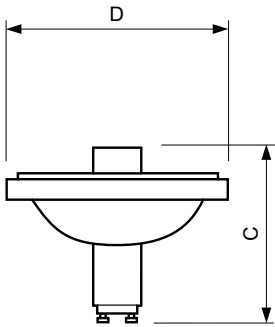
## Product Data

Full product code	871150021389110
Order product name	MASTERC colour CDM-R111 35W/942 GX8.5 40D 1CT/6
EAN/UPC – product	8711500213891
Order code	21389110
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (I2NC)	928096605330
Net weight (piece)	0.095 kg
ILCOS Code	MRS/UB-35/942-H-GX8.5-111/88/40

## 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.

## Dimensional drawing



CDM-R111 35W/942 40D

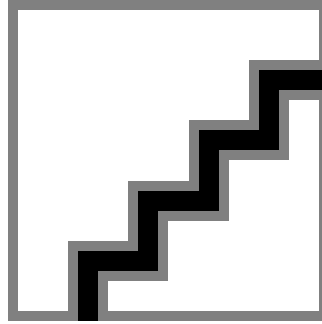
Product	D (max)	C (max)
MASTERC colour CDM-R111 35W/942 GX8.5 40D 1CT/6	111 mm	95 mm

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## Photometric data

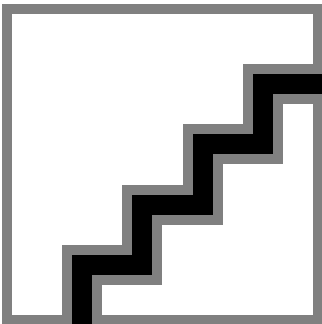


LDLD\_CDM-R111\_35W\_40D-Light distribution diagram

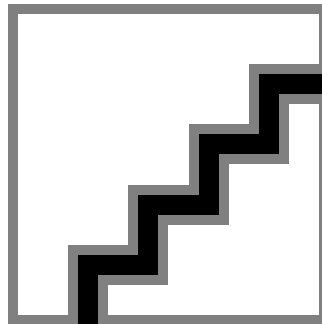


LDPO\_CDM-R111\_942-Spectral power distribution Colour

## Lifetime



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



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

