



MASTERColour CDM-R111

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

The MASTERColour 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 MASTERColour CDM.

Product data

• General Characteristics

Cap-Base	GX8.5
Bulb	R111 [R 111mm]
Bulb Finish	Reflector
Operating Position	any [Any or Universal (U)]
Life to 5% failures EL	7500 hr
Life to 10% failures EL	8500 hr
Life to 20% failures EL	9500 hr
Life to 50% failures EL	11000 hr

• Light Technical Characteristics

Beam Description	Narrow Flood
Beam Angle	24 D
Beam Angle Technical	16.5 (min), 22 (nom), 27.5 (max) D
Luminous Intensity	15000 cd
Color Code	942 [CCT of 4200K]
Color Rendering Index	96 Ra8
Color Designation (text)	Cool White
Color Temperature	4200 K
Color Temperature Technical	3900 K
Luminous Flux Lamp EL	2850 Lm
LLMF - end nominal lifetime	60 %
Chromaticity Coordinate X	0.381 -
Chromaticity Coordinate Y	0.370 -

Luminous flux in 90° cone 2800 Lm

• Electrical Characteristics

System Power EL	83 W
Lamp Wattage	70 W
Lamp Wattage EL	70 W
Lamp Wattage EL 25°C, Rated	73.0 W
Lamp Voltage	92 V
Lamp Current EL	0.80 A
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Re-ignition Time [min]	15 (max) min
Dimmable	No
Warm-up Time to 60% Light Outp	120 s

• Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	6.3 mg
Energy consumption kWh/1000h	80 kWh

• UV-related Characteristics

Damage Factor D/fc PET (NIOSH)	0.3 - 8 (min) h500lx
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• Measuring Conditions

Switching cycle	1000X
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• Product Dimensions

Overall Length C	95 (max) mm
Diameter D	111 (max) mm
Overall Length C [inch]	3.6 (max) in

• Product Data

Order code	928096905330
Full product code	928096905330
Full product name	MASTERCoulour CDM-R111 70W/942 GX8.5 24D 1CT

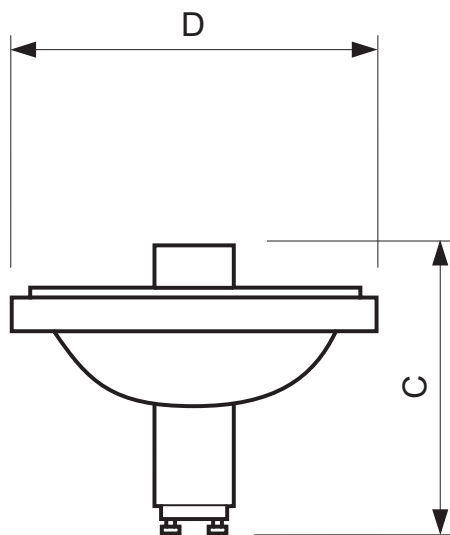
Order product name	MASTERC CDM-R111 70W/942 GX8.5 24D 1CT
Pieces per pack	1
Packing configuration	6
Packs per outerbox	6
Bar code on pack - EAN1	8711500213938
Bar code on outerbox - EAN3	8711500213945
Logistic code(s) - 12NC	928096905330
ILCOS code	MRS/UB-70/942-H-GX8.5-111/88/24
Net weight per piece	0.095 kg

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

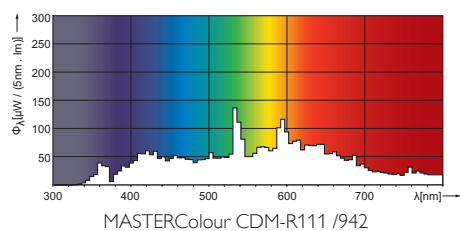


GX8.5

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Product	C (Max)	D (Max)
CDM-R111 70W/942 24D	95	111

Photometric data



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data subject to change