



MASTERColour CDM-R111

MASTERColour CDM-R111 35W/830 GX8.5 10D 1CT

The MASTER Colour 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 MASTER Colour CDM

Product data

• General Characteristics

Cap-Base	GX8.5
Bulb	R111 [R 111mm]
Bulb Finish	Reflector
Burning Position	any [Any/Universal]
Life to 5% failures EM	5000 hr
Life to 5% failures EL	6000 hr
Life to 10% failures EM	5500 hr
Life to 10% failures EL	7000 hr
Life to 20% failures EM	6000 hr
Life to 20% failures EL	9000 hr
Life to 50% failures EM	7500 hr
Life to 50% failures EL	12000 hr

• Light Technical Characteristics

Beam Description	Spot
Beam Angle	10 D
Technical Beam Angle	6 (min), 8 (nom), 10 (max) D
Luminous Intensity	32000 cd
Colour Code	830 [CCT of 3000K]
Colour Rendering Index	85 Ra8
Colour Designation	Warm white
Colour Temperature	3000 K
Technical Colour Temperature	2900 K
Lamp Luminous Flux EL	1100 Lm

LLMF - end nominal lifetime	45 %
Chromaticity Coordinate X	0.440 -
Chromaticity Coordinate Y	0.399 -
Luminous flux in 90° cone	1050 Lm

• Electrical Characteristics

System Power EM	47 W
System Power EL	44 W
Lamp Wattage	35 W
Lamp Wattage EM	35 W
Lamp Wattage EM 25°C, Rated	38.0 W
Lamp Wattage EL	35 W
Lamp Wattage EL 25°C, Rated	39.0 W
Lamp Voltage	88 V
Lamp Current EM	0.53 A
Lamp Current EL	0.475 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	2.8 mg



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MASTERColour CDM-R111

Energy consumption 43 kWh
kWh/1000h

• UV-related Characteristics

Damage Factor D/fc 0.2 (max) -
PET (NIOSH) 8 (min) h500lx

• Measuring Conditions

Switching cycle 1050X

• Product Dimensions

Overall Length C 95 (max) mm
Diameter D 111 (max) mm
Overall Length C 3.75 (max) in
[inch]

• Product Data

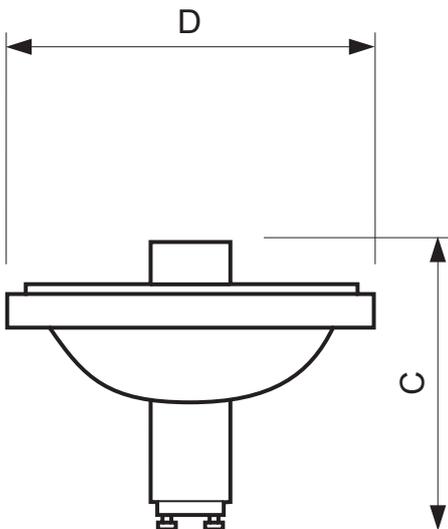
Order code 204486 10
Full product code 871150020448610
Full product name MASTERColour CDM-R111
35W/830 GX8.5 10D 1CT
Order product name MASTERC CDM-R111 35W/830
GX8.5 10D 1CT
Pieces per pack 1
Packing configuration 6
Packs per outerbox 6
Bar code on pack -
EAN1 8711500204486
Bar code on
outerbox - EAN3 8711500204493
Logistic code(s) -
12NC 928088205330
ILCOS code MRS/UB-35/830-H-GX8.5-111/88/10
Net weight per piece 0.096 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

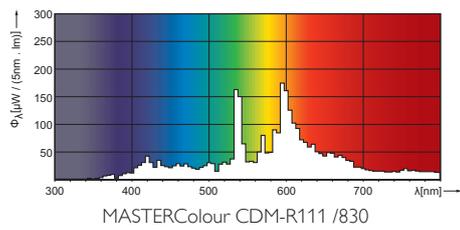


GX8.5

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Product	C (Max)	D (Max)
CDM-R111 35W/830 10D	95	111

Photometric data



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2014, November 30
data subject to change