



# MASTERColour CDM-R111

MASTERColour CDM-R111 35W/830 GX8.5 40D 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	5500 hr
EM	
Life to 10% failures	7000 hr
EL	
Life to 20% failures	6000 hr
EM	
Life to 20% failures	9000 hr
EL	
Life to 50% failures	7500 hr
EM	
Life to 50% failures	12000 hr
EL	

### • Light Technical Characteristics

Beam Description	Flood [Flood]
Beam Angle	40 D
Technical Beam Angle	27 (min), 36 (nom), 45 (max) D
Luminous Intensity	4000 cd
Colour Code	830 [CCT of 3000K]
Colour Rendering Index	84 Ra8
Colour Designation	Warm white
Colour Temperature	3000 K
Colour Temperature	3000 K
Technical	
Lamp Luminous Flux	1350 Lm
EL	

### LLMF - end nominal lifetime

Chromaticity Coordinate X	0.433 -
Chromaticity Coordinate Y	0.402 -
Luminous flux in 90° cone	1300 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	38.0 W
25°C, Rated	
Lamp Wattage EL	35 W
Lamp Wattage EL	39.0 W
25°C, Rated	
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

Energy consumption 43 kWh  
kWh/1000h

## • UV-related Characteristics

Damage Factor D/fc 0.2 -  
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

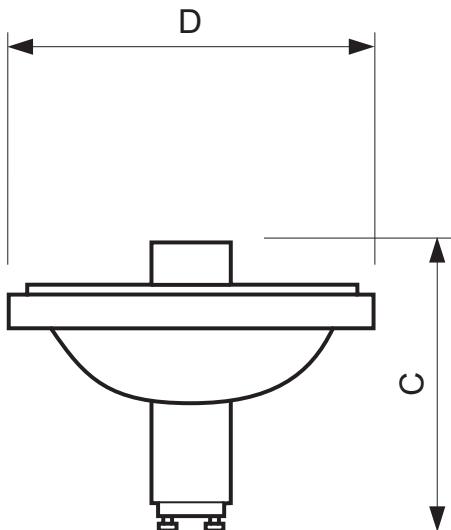
Order code	204523 10
Full product code	871150020452310
Full product name	MASTERColour CDM-R111 35W/830 GX8.5 40D 1CT
Order product name	MASTERC CDM-R111 35W/830 GX8.5 40D 1CT/6
Pieces per pack	1
Packing configuration	6
Packs per outerbox	6
Bar code on pack - EAN1	8711500204523
Bar code on outerbox - EAN3	8711500204530
Logistic code(s) - 12NC	928088405330
ILCOS code	MRS/UB-35/830-H-GX8.5-111/88/40
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



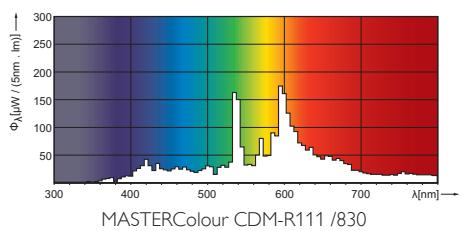
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Product	C (Max)	D (Max)
CDM-R111 35W/830 40D	95	111



GX8.5

## Photometric data



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2013, October 4  
data subject to change