



# 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 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                | 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          | 85 Ra8                         |
| Colour Designation              | Warm white                     |
| Colour Temperature              | 3000 K                         |
| Technical Lamp Luminous Flux EL | 1350 Lm                        |

|                             |         |
|-----------------------------|---------|
| LLMF - end nominal lifetime | 45 %    |
| Chromaticity Coordinate X   | 0.440 - |
| Chromaticity Coordinate Y   | 0.399 - |
| 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 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 |



asimpleswitch.com

# PHILIPS

# 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

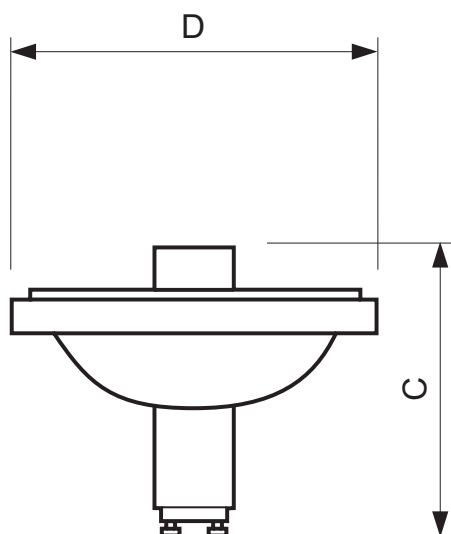
Order code 204523 10  
Full product code 871150020452310  
Full product name MASTERColour CDM-R111  
35W/830 GX8.5 40D 1CT  
Order product name MASTERC CDM-R111 35W/830  
GX8.5 40D 1CT  
Pieces per pack 1  
Packing configuration 6  
Packs per outerbox 6  
Bar code on pack -  
EAN1 8711500204523  
Bar 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

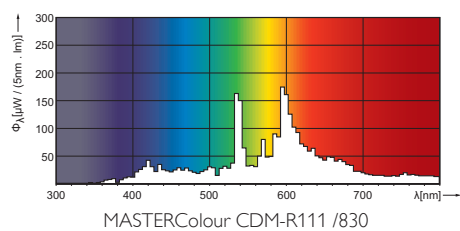


GX8.5

## MASTERColour CDM-R111 35W/830 GX8.5 40D 1CT

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

## Photometric data



© 2014 Koninklijke Philips N.V. (Royal Philips)  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

[www.philips.com/lighting](http://www.philips.com/lighting)

2014, November 30  
data subject to change