

# MASTERColour CDM-R111 Elite

## MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D

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

### Product data

| General Information | |
|---|---|
| **Cap-Base** | GX8.5 [ GX8.5] |
| **Operating Position** | UNIVERSAL [ Any or Universal (U)] |
| **Life to 5% Failures (Nom)** | 8000 h |
| **Life to 10% Failures (Nom)** | 5500 h |
| **Life to 20% Failures (Nom)** | 10500 h |
| **Life to 50% Failures (Nom)** | 12000 h |
| **ANSI Code HID** | C130/O |
| **Switching Cycle** | 1050X |

| Light Technical | |
|---|---|
| **Color Code** | 930 [ CCT of 3000K] |
| **Beam Angle (Nom)** | 10 ° |
| **Beam Angle Technical (Nom)** | 9 ° |
| **Beam Angle Technical (Max)** | 11 ° |
| **Beam Angle Technical (Min)** | 7 ° |
| **Luminous Intensity (Min)** | 27000 cd |
| **Luminous Intensity (Nom)** | 36000 cd |
| **Beam Description** | Spot |
| **Color Designation** | Warm White (WW) |

| | |
|---|---|
| **Lumen Maintenance 12000 h (Nom)** | 70 % |
| **Lumen Maintenance 2000 h (Nom)** | 90 % |
| **Lumen Maintenance 4000 h (Nom)** | 85 % |
| **Design Mean Lumens** | 1200 lm |
| **Chromaticity Coordinate X (Nom)** | 0.432 |
| **Chromaticity Coordinate Y (Nom)** | 0.392 |
| **Correlated Color Temperature (Nom)** | 3000 K |
| **Luminous Efficacy (Rated) (Nom)** | 37 lm/W |
| **Color Rendering Index (Min)** | 87 |
| **Color Rendering Index (Nom)** | 90 |
| **LLMF At End Of Nominal Lifetime (Nom)** | 70 % |
| **Luminous Flux in 90° Cone (Rated)** | 1350 lm |

| Operating and Electrical | |
|---|---|
| **Power (Rated) (Nom)** | 39 W |
| **Lamp Current (EM) (Nom)** | 0.440 A |
| **Re-Ignition Time (Min) (Max)** | 15 min |
| **Warm Up Time to 60% Light (Nom)** | 120 s |
| **Ignition Time (Max)** | 30 s |
| **Voltage (Max)** | 97 V |

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| | |
|---|---|
| **Voltage (Min)** | 81 V |
| **Voltage (Nom)** | 89 V |

| **Controls and Dimming** | |
|---|---|
| **Dimmable** | No |
| **Run-Up Time 90% (Max)** | 3 min |

| **Mechanical and Housing** | |
|---|---|
| **Bulb Finish** | Reflector |

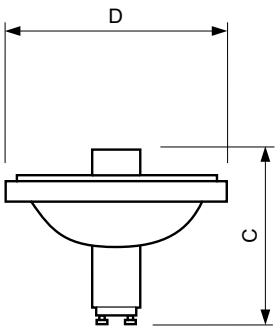
| **Approval and Application** | |
|---|---|
| **Energy Efficiency Label (EEL)** | B |
| **Mercury (Hg) Content (Nom)** | 4.7 mg |
| **Energy Consumption kWh/1000 h** | 43 kWh |

| **Product Data** | |
|---|---|
| **Full product code** | 871829168918800 |
| **Order product name** | MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D |
| **EAN/UPC - Product** | 8718291689188 |
| **Order code** | 928195305330 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 6 |
| **Material Nr. (12NC)** | 928195305330 |
| **Net Weight (Piece)** | 96.000 g |
| **ILCOS Code** | MRS/UB-35/930-H-GX8.5-111/88/10 |

## Warnings and Safety

- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 35W/930 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

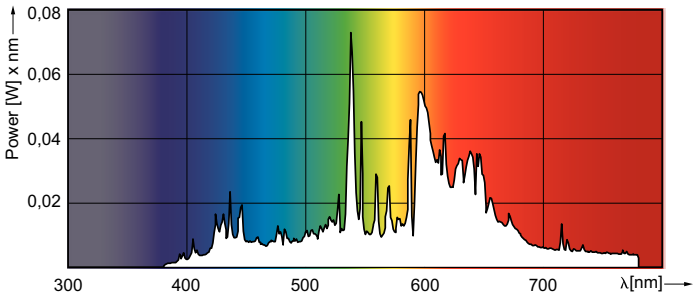



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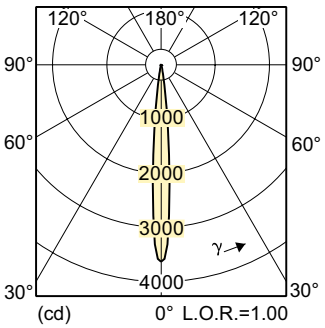
| Product | D (max) | C (max) |
|---|---|---|
| MASTERColour CDM-R111 Elite 35W/930 GX8.5 10D | 111 mm | 95 mm |

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## Photometric data




CDM-R111 Elite 35W/930




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