



# MASTERColour CDM-R111 Elite

## MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D

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.

### 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.

### Product data

| General information         |                                   |                                       |                 |
|-----------------------------|-----------------------------------|---------------------------------------|-----------------|
| Cap base                    | GX8.5 [ GX8.5]                    | Beam Angle (Nom)                      | 40 °            |
| Operating position          | UNIVERSAL [ Any or Universal (U)] | Beam angle technical                  | 40 °            |
| Life to 5% failures (nom.)  | 8000 h                            | Beam angle technical                  | 50 °            |
| Life to 10% failures (nom.) | 5500 h                            | Beam angle technical                  | 30 °            |
| Life to 20% failures (nom.) | 10500 h                           | Luminous flux (nom.)                  | 1750 lm         |
| Life to 50% failures (nom.) | 12000 h                           | Luminous intensity (min.)             | 3500 cd         |
| ANSI code HID               | C130/O                            | Luminous intensity (nom.)             | 4500 cd         |
| Switching cycle             | 1,050X                            | Beam description                      | Flood [ Flood]  |
|                             | Narrow Cone                       | Colour designation                    | Warm White (WW) |
|                             |                                   | Lumen maintenance 12,000 hours (nom.) | 70 %            |
|                             |                                   | Lumen maintenance 2,000 hours (nom.)  | 90 %            |
|                             |                                   | Lumen maintenance 4,000 hours (nom.)  | 85 %            |
|                             |                                   | Design mean lumens                    | 1500 lm         |
| Light technical             |                                   |                                       |                 |
| Colour Code                 | 930 [ CCT of 3,000 K]             |                                       |                 |

## MASTERC colour CDM-R111 Elite

|  |         |
|--|---------|
| Chromaticity coordinate X (nom.)       | 0.434   |
| Chromaticity coordinate Y (nom.)       | 0.398   |
| Correlated Colour Temperature (Nom)    | 3000 K  |
| Luminous efficacy (rated) (nom.)       | 46 lm/W |
| Colour-rendering index (min.)          | 87      |
| Colour rendering index (nom.)          | 90      |
| LLMF at end of nominal lifetime (nom.) | 70 %    |
| Luminous flux in 90° cone (rated)      | 1750 lm |

### Operating and electrical

|                                  |         |
|----------------------------------|---------|
| Power (Rated) (Nom)              | 39.1 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    |
| Voltage (Min)                    | 81 V    |
| Voltage (Nom)                    | 89 V    |

### Controls and dimming

|                        |       |
|------------------------|-------|
| Dimmable               | No    |
| Run-up time 90% (max.) | 3 min |

### Mechanical and housing

|             |           |
|-------------|-----------|
| Lamp Finish | Reflector |
|-------------|-----------|

|            |                 |
|------------|-----------------|
| Bulb shape | R111 [ R 111mm] |
|------------|-----------------|

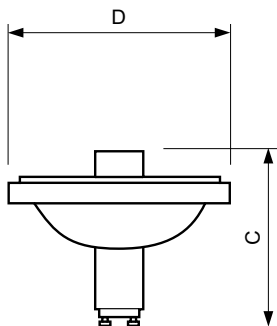
### Approval and application

|                                    |        |
|------------------------------------|--------|
| Energy Efficiency Class            | G      |
| Mercury (Hg) content (max.)        | 4.7 mg |
| Mercury (Hg) content (nom.)        | 4.7 mg |
| Energy consumption kWh/1,000 hours | 40 kWh |
|                                    | 473281 |

### Product data

|                                   |  |
|-----------------------------------|--|
| Full product code                 | 871829168952200  |
| Order product name                | MASTERC colour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D |
| EAN/UPC – product                 | 8718291689522  |
| Order code                        | 68952200   |
| SAP numerator – quantity per pack | 1  |
| Local code description            | MASTERC CDM-R111 ELITE 35W/930 GX8.5 40D                       |
| Numerator – packs per outer box   | 6  |
| SAP material                      | 928195505330   |
| Net Weight (Piece)                | 96.000 g   |
| ILCOS code                        | MRS/UB-35/930-H-GX8.5-111/88/40                                |

## Dimensional drawing

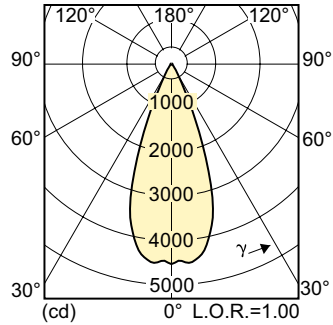
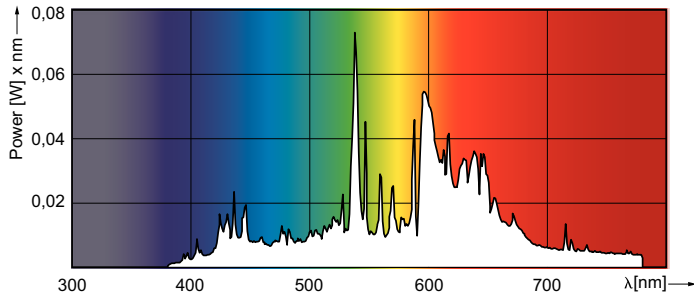


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| Product  | D (max) | C (max) |
|--|---------|---------|
| MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D | 111 mm  | 95 mm   |

# MASTERC colour CDM-R111 Elite

## Photometric data



LDPO\_CDMR111E\_0001-Spectral power distribution Colour

LDLD\_CDMR111E\_0003-Light distribution diagram

