



MASTERColour CDM-R111 Elite

MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D

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] |
| 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) | 24 ° |
| | |

| Beam Angle Technical (Nom) | 23 ° |
|---------------------------------|-----------------|
| Beam Angle Technical (Max) | 28 ° |
| Beam Angle Technical (Min) | 18 ° |
| Luminous Intensity (Min) | 6500 cd |
| Luminous Intensity (Nom) | 8500 cd |
| Beam Description | Narrow Flood |
| 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 | 1500 lm |
| Chromaticity Coordinate X (Nom) | 0.432 |
| Chromaticity Coordinate Y (Nom) | 0.392 |

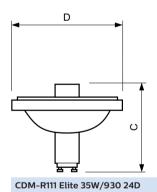
Datasheet, 2020, June 16 data subject to change

MASTERColour CDM-R111 Elite

| Correlated Color Temperature (Nom) | 3000 K |
|--------------------------------------|---------|
| Luminous Efficacy (rated) (Nom) | 46 lm/W |
| Color Rendering Index (Min) | 87 |
| Color Rendering Index (Nom) | 90 |
| LLMF At End Of Nominal Lifetime (Nom | n) 70 % |
| Luminous Flux in 90° Cone (Rated) | 1750 lm |
| | |
| Operating and Electrical | |
| Power (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 |

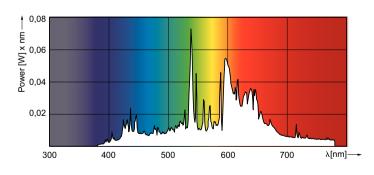
| Mechanical and Housing | | |
|---------------------------------|--|--|
| Bulb Finish | Reflector | |
| | | |
| Approval and Application | | |
| Energy Efficiency Label (EEL) | А | |
| Mercury (Hg) Content (Nom) | 4.7 mg | |
| Energy Consumption kWh/1000 h | 43 kWh | |
| | | |
| Product Data | | |
| Full product code | 871829168944700 | |
| Order product name | MASTERColour CDM-R111 Elite CDM-R111 Elite | |
| | 35W/930 GX8.5 24D | |
| EAN/UPC - Product | 8718291689447 | |
| Order code | 928195405330 | |
| Numerator - Quantity Per Pack | 1 | |
| Numerator - Packs per outer box | 6 | |
| Material Nr. (12NC) | 928195405330 | |
| Net Weight (Piece) | 96.000 g | |
| ILCOS Code | MRS/UB-35/930-H-GX8.5-111/88/24 | |

Dimensional drawing



| Product | D (max) | C (max) |
|--|---------|---------|
| MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 | 111 mm | 95 mm |
| GX8.5 24D | | |

Photometric data



LDPO_CDMR111E_0001-Spectral power distribution Colour

1/100°/ \ 100°/ \ \100°\

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