



MasterColor CDM-R111 Elite

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

MasterColor 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 MasterColor 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) | 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 |
| 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) | 70 % |
| Luminous Flux In 90° Cone (Rated) | 1750 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 |

MasterColor CDM-R111 Elite

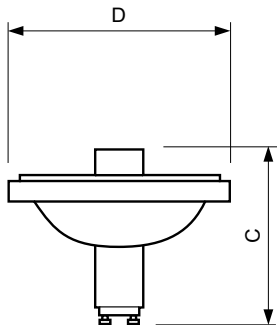
| | |
|---------------------------------|-----------|
| Voltage (Min) | 81 V |
| Voltage (Nom) | 89 V |
| Controls and Dimming | |
| Dimmable | No |
| Run-Up Time 90% (Max) | 3 min |
| Mechanical and Housing | |
| Bulb Finish | Reflector |
| Approval and Application | |
| Energy Efficiency Label (EEL) | A |
| Mercury (Hg) Content (Nom) | 4.7 mg |

| | |
|---------------------------------|--|
| Energy Consumption kWh/1000 h | 43 kWh |
| Product Data | |
| Order product name | MASTERColor CDM-R111 Elite 35W/930 GX8.5 24D |
| EAN/UPC - Product | 046677430733 |
| Order code | 928195405306 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 928195405306 |
| Net Weight (Piece) | 0.096 kg |
| ILCOS Code | MRS/UB-35/930-H-GX8.5-111/88/24 |

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
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

Dimensional drawing

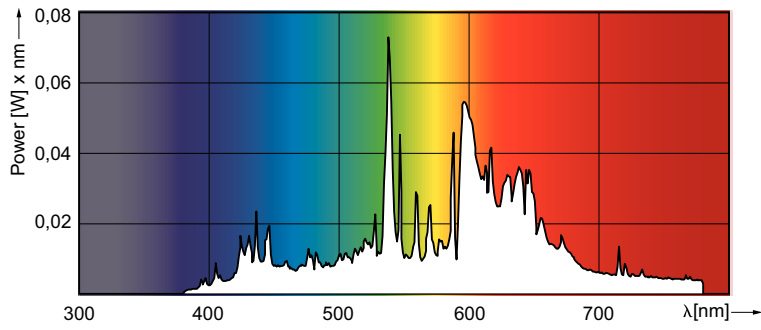


CDM-R111 Elite 35W/930 24D

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

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Photometric data



CDM-R111 Elite 35W/930

