PHILIPS Lighting



MASTERColour CDM-R111

MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6

The MASTERColour 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 MASTERColour CDM

Warnings and Safety

- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- \cdot 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.

Product data

| General Information | | Correlated Color Temperature (Nom) | 4200 K |
|---------------------------------|----------------------------------|--|----------|
| Cap-Base | GX8.5 [GX8.5] | Color rendering index (CRI) | 96 |
| Operating Position | UNIVERSAL [Any or Universal (U)] | LLMF At End Of Nominal Lifetime (Nom) 60 % | |
| Switching Cycle | 1,000 | Luminous Flux in 90° Cone (Rated) | 2,800 lm |
| Flux measurement reference | Narrow Cone | | |
| Life to 50% Failures (Nom) | 11,000 hour(s) | Operating and Electrical | |
| | | Power Consumption | 73.2 W |
| Light Technical | | Warm-up time to 60% light | 120 s |
| Color Code | 942 [CCT of 4200K] | Voltage (Nom) | 92 V |
| Beam Angle (Nom) | 24 degree(s) | Voltage (Nom) | 92 V |
| Luminous Flux | 2,800 lm | | |
| Luminous Intensity (Nom) | 14,300 cd | Controls and Dimming | |
| Color Designation | Cool White (CW) | Dimmable | No |
| Chromaticity Coordinate X (Nom) | 0.371 | | |
| Chromaticity Coordinate Y (Nom) | 0.366 | | |
| | | | |

MASTERColour CDM-R111

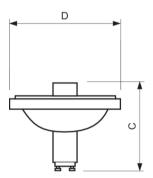
| Mechanical and Housing | |
|-------------------------------|----------------|
| Bulb Finish | Reflector |
| Bulb Shape | R111 [R 111mm] |
| | |
| Approval and Application | |
| Energy Efficiency Class | G |
| Mercury (Hg) Content (Max) | 6.6 mg |
| Mercury (Hg) Content (Nom) | 6.3 mg |
| Energy Consumption kWh/1000 h | 74 kWh |
| EPREL Registration Number | 473360 |
| | |
| Product Data | |

| Full product name | MASTERC CDM-R111 70W/942 GX8.5 24D | | |
|---------------------------------|------------------------------------|--|--|
| | 1CT/6 | | |
| Full product code | 871150021393810 | | |
| Order code | 928096905330 | | |
| Material Nr. (12NC) | 928096905330 | | |
| Numerator - Quantity Per Pack | 1 | | |
| EAN/UPC - Product/Case | 8711500213938 | | |
| Numerator - Packs per outer box | 6 | | |
| EAN/UPC - Case | 8711500213945 | | |
| | | | |

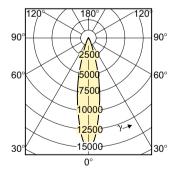
Order product name

MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6

Dimensional drawing

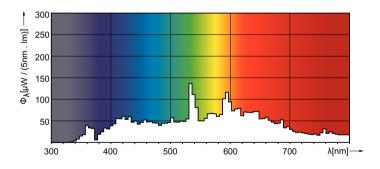


Photometric data



Light Distribution Diagram - MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6

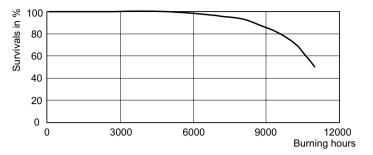
| Product | D (max) | C (max) |
|--|---------|---------|
| MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6 | 111 mm | 95 mm |



Spectral Power Distribution Colour - MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6

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Lifetime



Life Expectancy Diagram - MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6

\$° 100 60 40 20 0 0 0 0 3000 6000 9000 12000 Burning hours

Lumen Maintenance Diagram - MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6



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