



Product Description

MASTERColour CDM-R111

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

Benefits

- Low operating costs
- Easy installation
- Relatively low heat output
- Less glare, comfort for shoppers and staff
- Reduced fading risks

Features

- High lamp efficacy
- Long lamp life time compared to incandescent and halogen lamps
- The ceramic discharge tube is optimally and stable positioned in the reflector
- Twist & Lock system
- UV-Block burner capsule
- Anti-glare cap design

Application

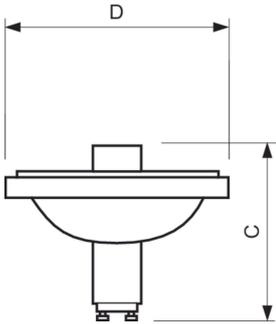
- Accent and decorative lighting: display lighting with sparkling, theatrical effects, even in surroundings with very high background ambient light levels like shops windows
- General lighting: in downlighters, a warm, comfortable atmosphere can be created

Warnings and Safety

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

MASTERCcolour CDM-R111

Dimensional drawing



| Product | D (max) | C (max) |
|--|---------|---------|
| MASTERC CDM-R111 35W/942 GX8.5 24D 1CT | 111 mm | 95 mm |
| MASTERC CDM-R111 70W/942 GX8.5 24D 1CT/6 | 111 mm | 95 mm |

| General Information | |
|---------------------------------|-----------------|
| Cap base | GX8.5 |
| Operating position | UNIVERSAL |
| Light Technical | |
| Beam angle (nom.) | 24 degree(s) |
| Chromaticity Coordinate X (Nom) | 0.371 |
| Chromaticity Coordinate Y (Nom) | 0.366 |
| Colour designation | Cool White (CW) |
| Correlated Colour Temperature | 4200 K |
| Operating and Electrical | |
| Warm-up time to 60% light | 120 s |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Lamp Finish | Reflector |
| Bulb shape | R111 |

General Information

| Order Code | Full Product Name | Switching Cycle |
|------------|--|-----------------|
| 21387710 | CDM-R111 35W/942 24D.1CT/6 | 800 |
| 21393810 | MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6 | 1,000 |

Light Technical

| Order Code | Full Product Name | Colour rendering index (CRI) | LLMF at end of nominal lifetime (nom.) | Luminous intensity | |
|------------|--|------------------------------|--|--------------------|-----------|
| | | | | Luminous Flux | (nom.) |
| 21387710 | CDM-R111 35W/942 24D.1CT/6 | 93 | 65 % | 1,300 lm | 7,350 cd |
| 21393810 | MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6 | 96 | 60 % | 2,800 lm | 14,300 cd |

Operating and Electrical

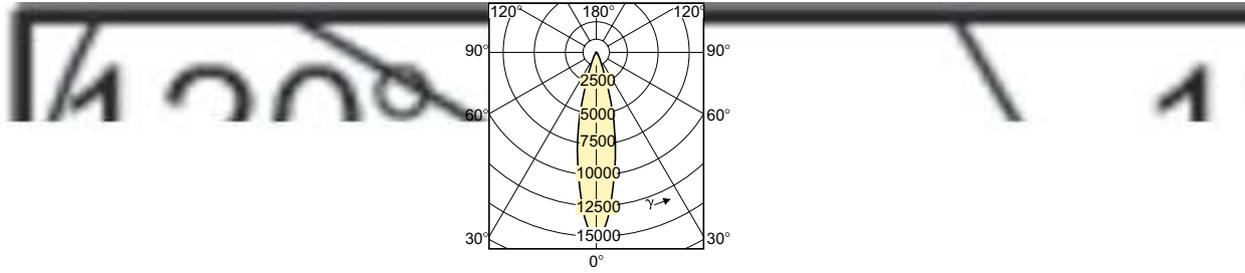
| Order Code | Full Product Name | Voltage (nom.) | Power Consumption |
|------------|----------------------------|----------------|-------------------|
| 21387710 | CDM-R111 35W/942 24D.1CT/6 | 86 V | 39.1 W |

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| Order Code | Full Product Name | Voltage (nom.) | Power Consumption |
|------------|--|----------------|-------------------|
| 21393810 | MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6 | 92 V | 73.2 W |

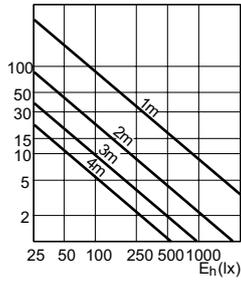
Approval and Application

| Order Code | Full Product Name | Energy consumption kWh/1,000 hours | Mercury (Hg) content (max.) | Mercury (Hg) content (nom.) |
|------------|--|------------------------------------|-----------------------------|-----------------------------|
| 21387710 | CDM-R111 35W/942 24D.1CT/6 | 40 kWh | 2.8 mg | 3.0 mg |
| 21393810 | MASTERCcolour CDM-R111 70W/942 GX8.5 24D 1CT/6 | 74 kWh | 6.6 mg | 6.3 mg |

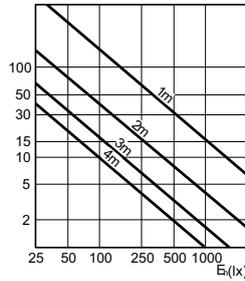


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Accent Diagrams

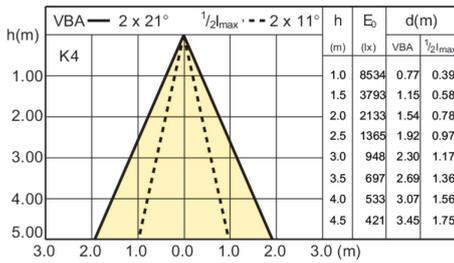


Accent Diagram - MASTERC CDM-R111
35W/942 GX8.5 24D 1CT

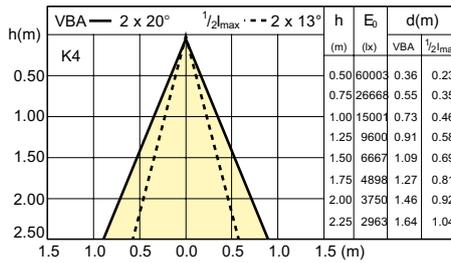


Accent Diagram - MASTERC CDM-R111
70W/942 GX8.5 24D 1CT/6

Beam Diagrams



Beam diagram - MASTERC CDM-R111 35W/942
GX8.5 24D 1CT



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

