



# Perfect sparkle, trendy design

## MASTERColour CDM-R111 Elite

MASTERColour CDM-R111 Elite combines the trendy look of 111 mm aluminium-reflector halogen lamps with the long life, high energy efficiency and crisp white light of MASTERColour CDM.

### Benefits

- Crisp white sparkling light
- Easy installation
- Less glare, comfort for shoppers and staff

### Features

- High lamp efficacy
- Long lamp lifetime compared to incandescent and halogen lamps
- The ceramic discharge tube is optimally positioned and stable in the reflector
- UV-block burner capsule
- Anti-glare cap design

### Application

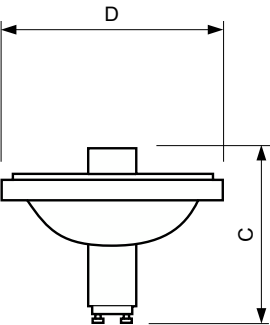
- Accent and decorative lighting: display lighting with sparkling, theatrical effects, even in surroundings with very high background ambient light levels, such as shops windows
- General lighting: in downlighters, a warm and comfortable atmosphere can be created

### Warnings and Safety

- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 35W/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.

# MASTERC colour CDM-R111 Elite

## Dimensional drawing



| Product                                  | D (max) | C (max) |
|------------------------------------------|---------|---------|
| MASTERC CDM-R111 Elite 35W/930 GX8.5 10D | 111 mm  | 95 mm   |
| MASTERC CDM-R111 Elite 35W/930 GX8.5 24D | 111 mm  | 95 mm   |
| MASTERC CDM-R111 Elite 35W/930 GX8.5 40D | 111 mm  | 95 mm   |
| MASTERC CDM-R111 Elite 70W/930 GX8.5 10D | 111 mm  | 95 mm   |
| MASTERC CDM-R111 Elite 70W/930 GX8.5 24D | 111 mm  | 95 mm   |
| MASTERC CDM-R111 Elite 70W/930 GX8.5 40D | 111 mm  | 95 mm   |

| General Information                    |                 |
|----------------------------------------|-----------------|
| Cap base                               | GX8.5           |
| Switching Cycle                        | 1,050           |
| Operating position                     | UNIVERSAL       |
| Light Technical                        |                 |
| Chromaticity Coordinate X (Nom)        | 0.434           |
| Chromaticity Coordinate Y (Nom)        | 0.398           |
| Colour designation                     | Warm White (WW) |
| Correlated Colour Temperature (Nom)    | 3000 K          |
| LLMF at end of nominal lifetime (nom.) | 70 %            |
| Operating and Electrical               |                 |
| Warm-up time to 60% light              | 120 s           |
| Voltage (nom.)                         | 89 V            |
| Controls and Dimming                   |                 |
| Dimmable                               | No              |
| Mechanical and Housing                 |                 |
| Lamp Finish                            | Reflector       |
| Bulb shape                             | R111            |

## Light Technical (1/2)

| Order Code | Full Product Name                                              | Beam angle (nom.) | Colour rendering index (CRI) | Luminous efficacy (rated) (nom.) | Luminous Flux |
|------------|----------------------------------------------------------------|-------------------|------------------------------|----------------------------------|---------------|
| 68918800   | MASTERC colour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D | 10 degree(s)      | 90                           | 37 lm/W                          | 1,350 lm      |
| 68944700   | MASTERC colour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D | 24 degree(s)      | 90                           | 46 lm/W                          | 1,750 lm      |
| 68952200   | MASTERC colour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D | 40 degree(s)      | 90                           | 46 lm/W                          | 1,750 lm      |
| 68962100   | MASTERC colour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D | 10 degree(s)      | 92                           | 40 lm/W                          | 2,805 lm      |
| 68970600   | MASTERC colour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D | 24 degree(s)      | 92                           | 50 lm/W                          | 3,550 lm      |
| 68978200   | MASTERC colour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D | 40 degree(s)      | 92                           | 50 lm/W                          | 3,550 lm      |

## Light Technical (2/2)

| Order Code | Full Product Name                                              | Luminous intensity (nom.) | Order Code | Full Product Name                                              | Luminous intensity (nom.) |
|------------|----------------------------------------------------------------|---------------------------|------------|----------------------------------------------------------------|---------------------------|
| 68918800   | MASTERC colour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D | 36,000 cd                 | 68962100   | MASTERC colour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D | 45,000 cd                 |
| 68944700   | MASTERC colour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D | 8,500 cd                  | 68970600   | MASTERC colour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D | 16,000 cd                 |
| 68952200   | MASTERC colour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D | 4,500 cd                  | 68978200   | MASTERC colour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D | 8,500 cd                  |

## Operating and Electrical

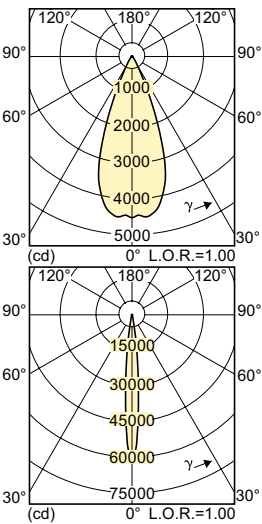
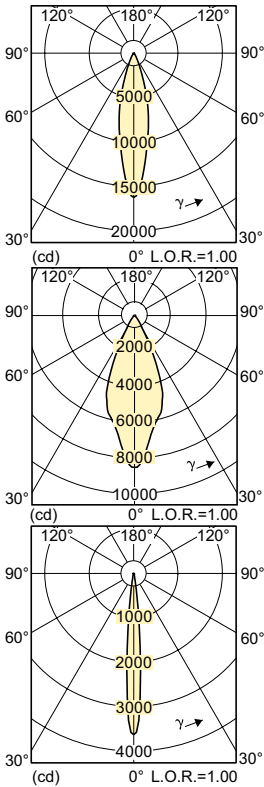
MASTERColour CDM-R111 Elite

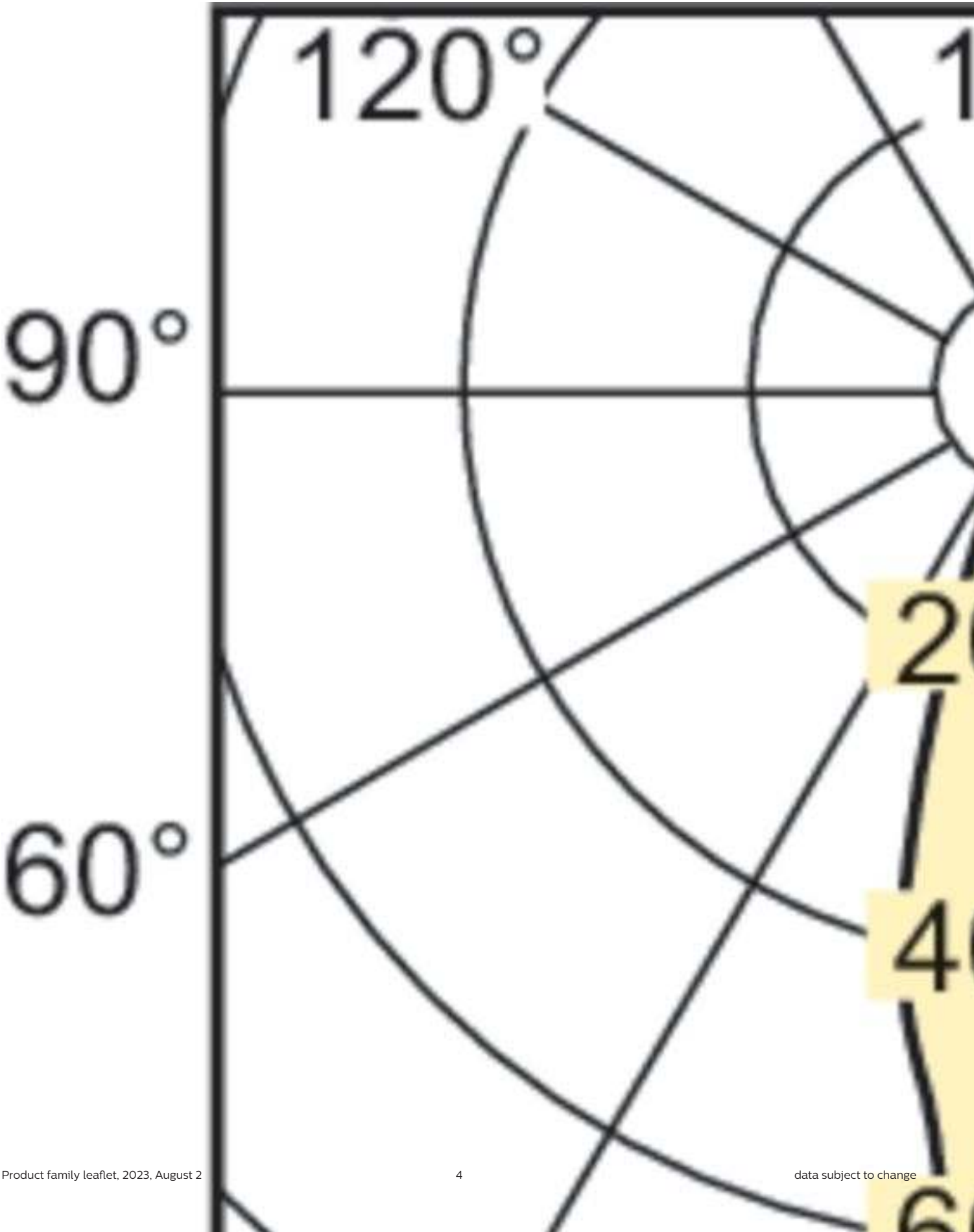
| Order Code | Full Product Name                                               | Power Consumption |
|------------|-----------------------------------------------------------------|-------------------|
| 68918800   | MASTERColour CDM-R111 Elite CDM-R111 Elite<br>35W/930 GX8.5 10D | 39.1 W            |
| 68944700   | MASTERColour CDM-R111 Elite CDM-R111 Elite<br>35W/930 GX8.5 24D | 39.1 W            |
| 68952200   | MASTERColour CDM-R111 Elite CDM-R111 Elite<br>35W/930 GX8.5 40D | 39.1 W            |

| Order Code | Full Product Name                                               | Power Consumption |
|------------|-----------------------------------------------------------------|-------------------|
| 68962100   | MASTERColour CDM-R111 Elite CDM-R111 Elite<br>70W/930 GX8.5 10D | 73.2 W            |
| 68970600   | MASTERColour CDM-R111 Elite CDM-R111 Elite<br>70W/930 GX8.5 24D | 73.2 W            |
| 68978200   | MASTERColour CDM-R111 Elite CDM-R111 Elite<br>70W/930 GX8.5 40D | 73.2 W            |

Approval and Application

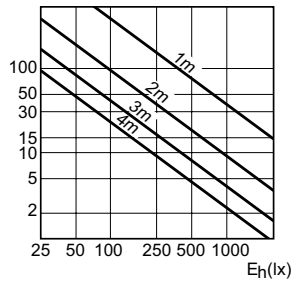
| Order Code | Full Product Name                                                  | Energy consumption<br>kWh/1,000<br>hours | Mercury<br>(Hg)<br>content<br>(max.) | Mercury<br>(Hg)<br>content<br>(nom.) |
|------------|--------------------------------------------------------------------|------------------------------------------|--------------------------------------|--------------------------------------|
| 68918800   | MASTERColour CDM-R111<br>Elite CDM-R111 Elite 35W/930<br>GX8.5 10D | 40 kWh                                   | 4.7 mg                               | 4.7 mg                               |
| 68944700   | MASTERColour CDM-R111<br>Elite CDM-R111 Elite 35W/930<br>GX8.5 24D | 40 kWh                                   | 4.7 mg                               | 4.7 mg                               |
| 68952200   | MASTERColour CDM-R111<br>Elite CDM-R111 Elite 35W/930<br>GX8.5 40D | 40 kWh                                   | 4.7 mg                               | 4.7 mg                               |
| 68962100   | MASTERColour CDM-R111<br>Elite CDM-R111 Elite 70W/930<br>GX8.5 10D | 74 kWh                                   | 6.6 mg                               | 6.6 mg                               |
| 68970600   | MASTERColour CDM-R111<br>Elite CDM-R111 Elite 70W/930<br>GX8.5 24D | 74 kWh                                   | 6.6 mg                               | 6.6 mg                               |
| 68978200   | MASTERColour CDM-R111<br>Elite CDM-R111 Elite 70W/930<br>GX8.5 40D | 74 kWh                                   | 6.6 mg                               | 6.6 mg                               |



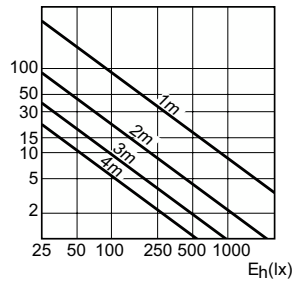


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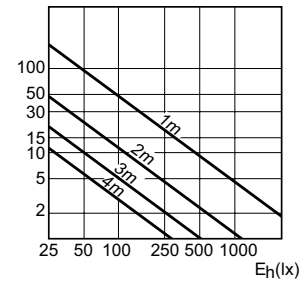
## Accent Diagrams



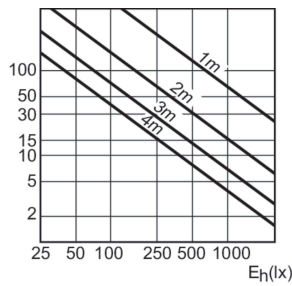
Accent Diagram - MASTERC CDM-R111 Elite  
35W/930 GX8.5 10D



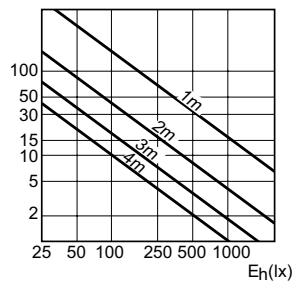
Accent Diagram - MASTERC CDM-R111 Elite  
35W/930 GX8.5 24D



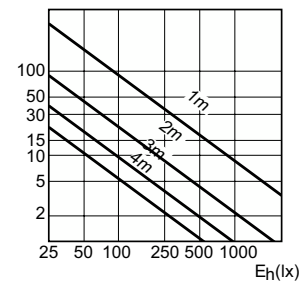
Accent Diagram - MASTERC CDM-R111 Elite  
35W/930 GX8.5 40D



Accent Diagram - MASTERC CDM-R111 Elite  
70W/930 GX8.5 10D

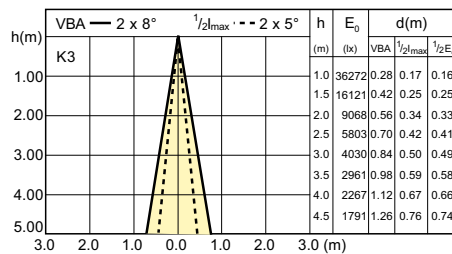


Accent Diagram - MASTERC CDM-R111 Elite  
70W/930 GX8.5 24D

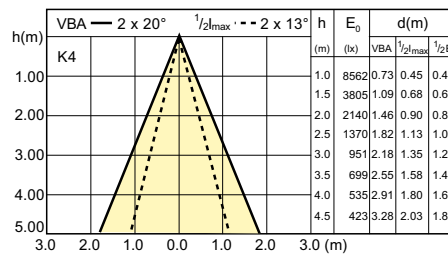


Accent Diagram - MASTERC CDM-R111 Elite  
70W/930 GX8.5 40D

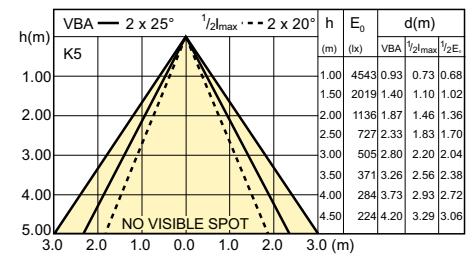
## Beam Diagrams



Beam diagram - MASTERC CDM-R111 Elite  
35W/930 GX8.5 10D

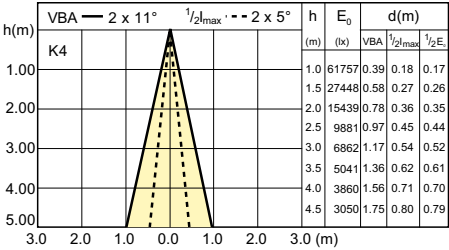


Beam diagram - MASTERC CDM-R111 Elite  
35W/930 GX8.5 24D

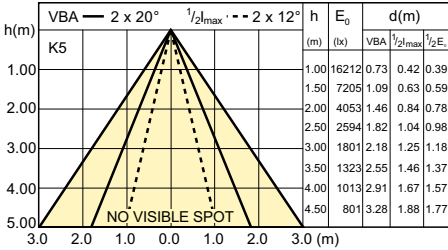


Beam diagram - MASTERC CDM-R111 Elite  
35W/930 GX8.5 40D

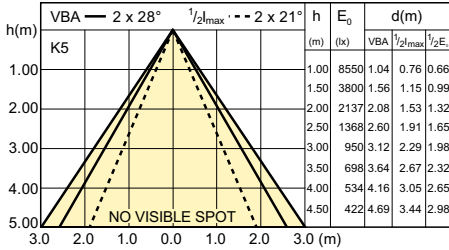
Beam Diagrams



Beam diagram - MASTERC CDM-R111 Elite  
70W/930 GX8.5 10D



Beam diagram - MASTERC CDM-R111 Elite  
70W/930 GX8.5 24D



Beam diagram - MASTERC CDM-R111 Elite  
70W/930 GX8.5 40D

