



Perfect sparkle, trendy design

MASTERColour CDM-R111 Elite

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.

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

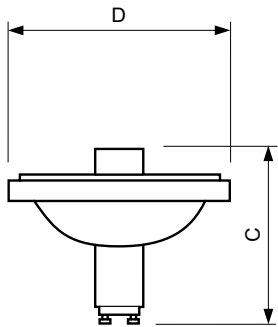
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 35W/930 lamps may also use electromagnetic gear.
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove 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.

MASTERColour CDM-R111 Elite

Versions



Dimensional drawing



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

MASTERCcolour CDM-R111 Elite

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Operating and Electrical

| | |
|---------------------------------|--------|
| Voltage (Nom) | 89 V |
| Re-Ignition Time (Min) (Max) | 15 min |
| Warm Up Time To 60% Light (Nom) | 120 s |

General Information

| | |
|----------------------------|-----------|
| Cap-Base | GX8.5 |
| Life To 20% Failures (Nom) | 10500 h |
| Life To 50% Failures (Nom) | 12000 h |
| Life To 5% Failures (Nom) | 8000 h |
| Operating Position | UNIVERSAL |
| Switching Cycle | 1,050X |

Light Technical

| | |
|---------------------------------------|-----------------|
| Colour Code | 930 |
| Colour Designation | Warm White (WW) |
| Correlated Colour Temperature (Nom) | 3000 K |
| Llmf At End Of Nominal Lifetime (Nom) | 70 % |
| Lumen Maintenance 12000 h (Nom) | 70 % |
| Lumen Maintenance 2000 h (Nom) | 90 % |
| Lumen Maintenance 4000 h (Nom) | 85 % |

Mechanical and Housing

| | |
|-------------|-----------|
| Bulb Finish | Reflector |
| Bulb Shape | R111 |

Approval and Application

| Order Code | Full Product Name | Energy | Energy | Mercury (Hg) Content (Nom) |
|------------|---|------------------------|------------------------|----------------------------|
| | | Consumption kWh/1000 h | Efficiency Label (EEL) | |
| 68918800 | MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D | 43 kWh | B | 4.7 mg |
| 68944700 | MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D | 43 kWh | A | 4.7 mg |
| 68952200 | MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D | 43 kWh | A | 4.7 mg |
| 68962100 | MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D | 80 kWh | B | 6.6 mg |
| 68970600 | MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D | 80 kWh | A | 6.6 mg |
| 68978200 | MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D | 80 kWh | A | 6.6 mg |

Operating and Electrical

| Order Code | Full Product Name | Lamp | | | Power (Rated) (Nom) |
|------------|---|--------------------|---------------|---------------|---------------------|
| | | Current (EM) (Nom) | Voltage (Max) | Voltage (Min) | |
| 68918800 | MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D | 0.440 A | 97 V | 81 V | 39.1 W |
| 68944700 | MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D | 0.440 A | 97 V | 81 V | 39.1 W |
| 68952200 | MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D | 0.440 A | 97 V | 81 V | 39.1 W |

| Order Code | Full Product Name | Lamp | | | Power (Rated) (Nom) |
|------------|---|--------------------|---------------|---------------|---------------------|
| | | Current (EM) (Nom) | Voltage (Max) | Voltage (Min) | |
| 68962100 | MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D | - | 98 V | 80 V | 73.2 W |
| 68970600 | MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D | - | 98 V | 80 V | 73.2 W |
| 68978200 | MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D | - | 98 V | 80 V | 73.2 W |

General Information

| Order Code | Full Product Name | Life To 10% Failures (Nom) |
|------------|---|----------------------------|
| 68918800 | MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D | 5500 h |

| Order Code | Full Product Name | Life To 10% Failures (Nom) |
|------------|---|----------------------------|
| 68944700 | MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D | 5500 h |

MASTERCLOUR CDM-R111 Elite

| Order Code | Full Product Name | Life To 10% Failures (Nom) |
|------------|---|----------------------------|
| 68952200 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D | 5500 h |
| 68962100 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D | 9500 h |

| Order Code | Full Product Name | Life To 10% Failures (Nom) |
|------------|---|----------------------------|
| 68970600 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D | 9500 h |
| 68978200 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D | 9500 h |

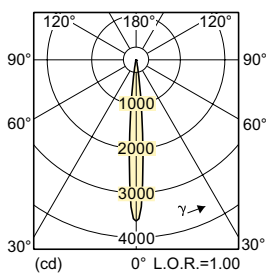
Light Technical (1/2)

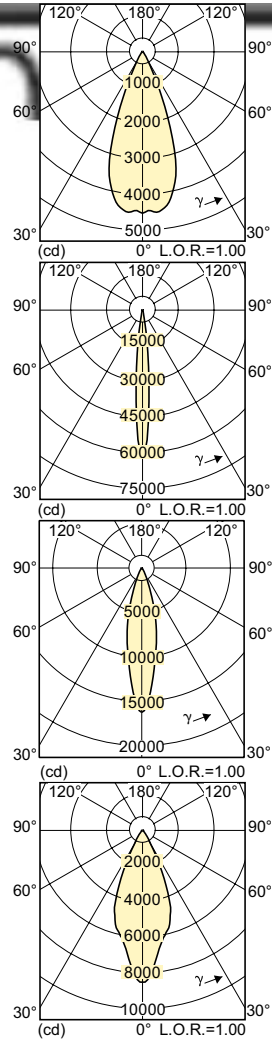
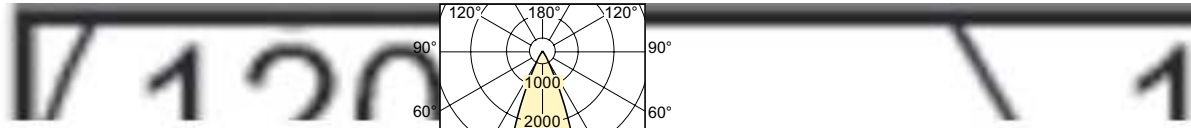
| Order Code | Full Product Name | Beam | | Chromaticity | |
|------------|---|-------------|------------------|--------------------|--------------------|
| | | Angle (Nom) | Beam Description | Coordinate X (Nom) | Coordinate Y (Nom) |
| 68918800 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D | 10 ° | Spot | 0.432 | 0.392 |
| 68944700 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D | 24 ° | Narrow Flood | 0.432 | 0.392 |
| 68952200 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D | 40 ° | Flood | 0.432 | 0.392 |
| 68962100 | MASTERCLOUR CDM-R111 Elite CDM- | 10 ° | Spot | 0.441 | 0.397 |

| Order Code | Full Product Name | Beam | | Chromaticity | |
|------------|---|-------------|------------------|--------------------|--------------------|
| | | Angle (Nom) | Beam Description | Coordinate X (Nom) | Coordinate Y (Nom) |
| | R111 Elite 70W/930 GX8.5 10D | | | | |
| 68970600 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D | 24 ° | Narrow Flood | 0.441 | 0.397 |
| 68978200 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D | 40 ° | Flood | 0.441 | 0.397 |

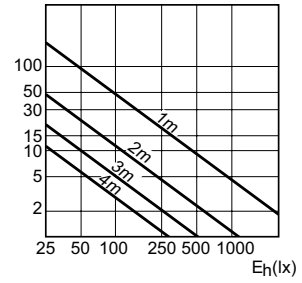
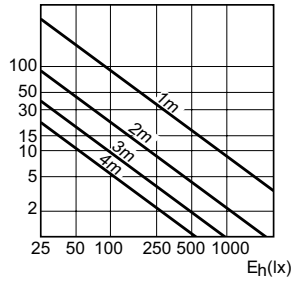
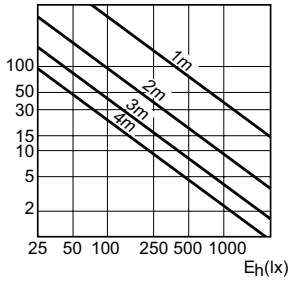
Light Technical (2/2)

| Order Code | Full Product Name | Colour Rendering | | Luminous Efficacy (rated) (Nom) | Design Mean Lumens | Luminous Intensity (Min) | Luminous Intensity (Nom) |
|------------|---|------------------|-------------|---------------------------------|--------------------|--------------------------|--------------------------|
| | | Index (Min) | Index (Nom) | | | | |
| 68918800 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D | 87 | 90 | 37 lm/W | 1200 lm | 27000 cd | 36000 cd |
| 68944700 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D | 87 | 90 | 46 lm/W | 1500 lm | 6500 cd | 8500 cd |
| 68952200 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D | 87 | 90 | 46 lm/W | 1500 lm | 3500 cd | 4500 cd |
| 68962100 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D | 89 | 92 | 40 lm/W | 2400 lm | 34000 cd | 45000 cd |
| 68970600 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D | 89 | 92 | 50 lm/W | 3100 lm | 12000 cd | 16000 cd |
| 68978200 | MASTERCLOUR CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D | 89 | 92 | 50 lm/W | 3100 lm | 6500 cd | 8500 cd |

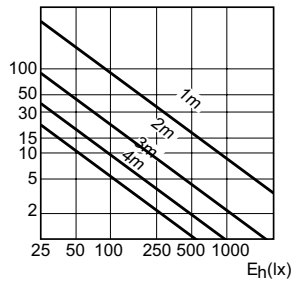
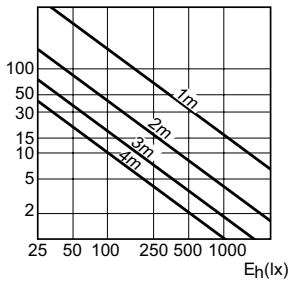




Accent Diagrams

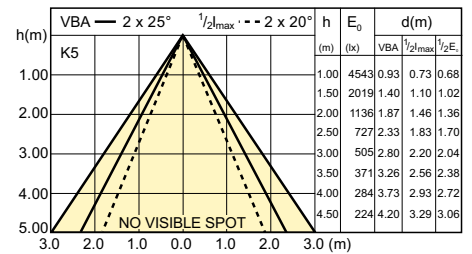
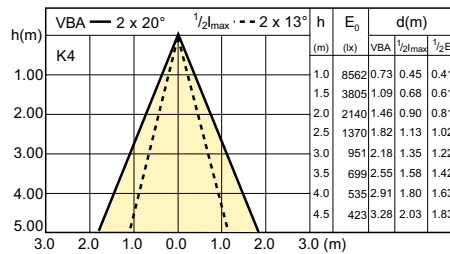
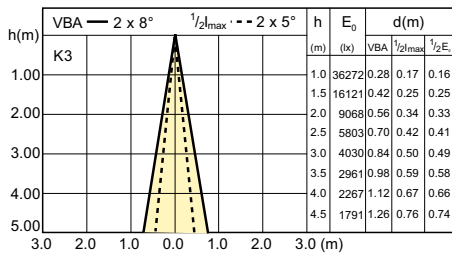


LDAC_CDMR111E_0002-Accent diagram



LDAC_CDMR111E_0008-Accent diagram

Beam Diagrams

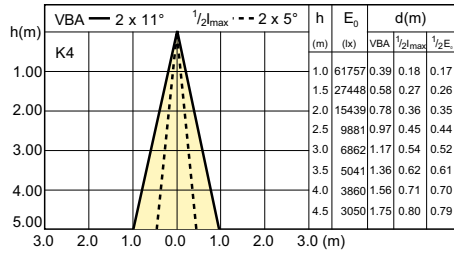


LDBE_CDMR111E_0001-Beam diagram

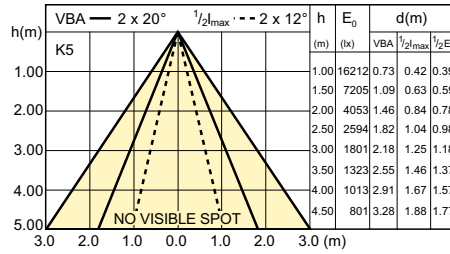
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LDBE_CDMR111E_0003-Beam diagram

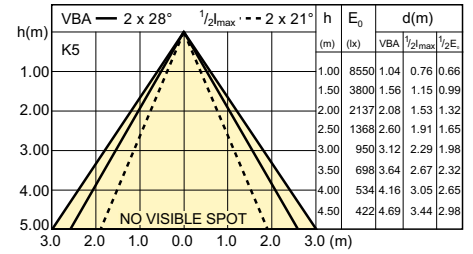
Beam Diagrams



LDBE_CDMR111E_0007-Beam diagram



LDBE_CDMR111E_0008-Beam diagram



LDBE_CDMR111E_0009-Beam diagram

