



# Perfect sparkle, trendy design

## MasterColor CDM-R111 Elite

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.

### Avantages

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

### Fonctions

- 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

# MasterColor CDM-R111 Elite

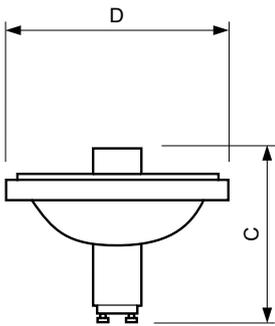
## Mises en garde et sécurité

- 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)

## Versions



## Schéma dimensionnel



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

# MasterColor CDM-R111 Elite

## Commandes et gradation

|                    |    |
|--------------------|----|
| Intensité réglable | No |
|--------------------|----|

## Fonctionnement et électricité

|  |        |
|--|--------|
| Tension (nom.)                                     | 89 V   |
| Temps de réamorçage (min.) (max.)                  | 15 min |
| Temps de préchauffage pour 60 % d'éclairage (nom.) | 120 s  |

## Renseignements généraux

|  |           |
|--|-----------|
| Culot  | GX8.5     |
| Durée de vie jusqu'à 20% des défaillances (nom.) | 10500 h   |
| Durée de vie jusqu'à 50% des défaillances (nom.) | 12000 h   |
| Durée de vie jusqu'à 5% des défaillances (nom.)  | 8000 h    |
| Position de fonctionnement                       | Universal |
| Cycle de commutation                             | 1050 x    |

## Données techniques sur l'éclairage

|  |                 |
|--|-----------------|
| Code de couleur                              | 930             |
| Désignation de couleur                       | Warm White (WW) |
| Température selon la couleur corrélée (nom.) | 3000 K          |
| Llmf à la fin de la durée nominale (nom.)    | 70 %            |
| Maintien du flux lumineux 12 000 h (nom.)    | 70 %            |
| Maintien du flux lumineux 2 000 h (nom.)     | 90 %            |
| Maintien du flux lumineux 4 000 h (nom.)     | 85 %            |

## Mécanique et boîtier

|                    |           |
|--------------------|-----------|
| Fini de l'ampoule  | Reflector |
| Forme de l'ampoule | R111      |

## Approbation et utilisation

| Order Code | Full Product Name                            | Consommation d'énergie en kWh/1000 h | Étiquette d'efficacité énergétique (EEL) | Contenu en mercure (Hg) (nom.) |
|------------|--|--------------------------------------|--|--------------------------------|
| 430728     | MASTERColor CDM-R111 Elite 35W/930 GX8.5 10D | 43 kWh                               | B  | 4,7 mg                         |
| 430736     | MASTERColor CDM-R111 Elite 35W/930 GX8.5 24D | 43 kWh                               | A  | 4,7 mg                         |
| 430769     | MASTERColor CDM-R111 Elite 70W/930 GX8.5 24D | 80 kWh                               | A  | 6,6 mg                         |

## Fonctionnement et électricité

| Order Code | Full Product Name                            | Courant de la lampe (ME) (nom.) | Tension (max.) | Tension (min.) | Puissance (nominale) (nom.) |
|------------|--|---------------------------------|----------------|----------------|-----------------------------|
| 430728     | MASTERColor CDM-R111 Elite 35W/930 GX8.5 10D | 0,440 A                         | 97 V           | 81 V           | 39 W                        |
| 430736     | MASTERColor CDM-R111 Elite 35W/930 GX8.5 24D | 0,440 A                         | 97 V           | 81 V           | 39 W                        |

| Order Code | Full Product Name                            | Courant de la lampe (ME) (nom.) | Tension (max.) | Tension (min.) | Puissance (nominale) (nom.) |
|------------|--|---------------------------------|----------------|----------------|-----------------------------|
| 430769     | MASTERColor CDM-R111 Elite 70W/930 GX8.5 24D | -                               | 98 V           | 80 V           | 73,0 W                      |

## Renseignements généraux

## MasterColor CDM-R111 Elite

| Order Code | Full Product Name                            | Durée de vie jusqu'à 10% des défaillances (nom.) |
|------------|--|--|
| 430728     | MASTERColor CDM-R111 Elite 35W/930 GX8.5 10D | 5500 h   |
| 430736     | MASTERColor CDM-R111 Elite 35W/930 GX8.5 24D | 5500 h   |

| Order Code | Full Product Name                            | Durée de vie jusqu'à 10% des défaillances (nom.) |
|------------|--|--|
| 430769     | MASTERColor CDM-R111 Elite 70W/930 GX8.5 24D | 9500 h   |

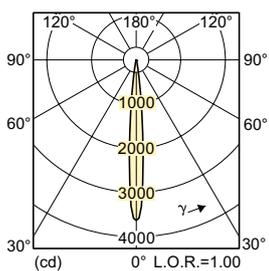
### Données techniques sur l'éclairage (1/2)

| Order Code | Full Product Name                            | Angle du faisceau |                         | Coordonnée X de chromaticité |        | Coordonnée Y de chromaticité |        |
|------------|--|-------------------|-------------------------|------------------------------|--------|------------------------------|--------|
|            |  | (nom.)            | Description du faisceau | (nom.)                       | (nom.) | (nom.)                       | (nom.) |
| 430728     | MASTERColor CDM-R111 Elite 35W/930 GX8.5 10D | 10 °              | Spot                    | 0,432                        | 0,392  |                              |        |
| 430736     | MASTERColor CDM-R111 Elite                   | 24 °              | Narrow Flood            | 0,432                        | 0,392  |                              |        |

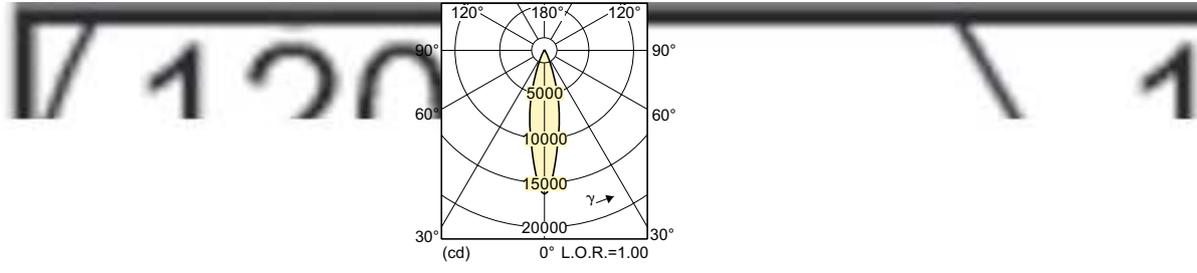
| Order Code | Full Product Name                            | Angle du faisceau |                         | Coordonnée X de chromaticité |        | Coordonnée Y de chromaticité |        |
|------------|--|-------------------|-------------------------|------------------------------|--------|------------------------------|--------|
|            |  | (nom.)            | Description du faisceau | (nom.)                       | (nom.) | (nom.)                       | (nom.) |
|            | 35W/930 GX8.5 24D                            |                   |                         |                              |        |                              |        |
| 430769     | MASTERColor CDM-R111 Elite 70W/930 GX8.5 24D | 24 °              | Narrow Flood            | 0,441                        | 0,397  |                              |        |

### Données techniques sur l'éclairage (2/2)

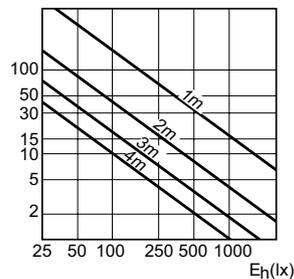
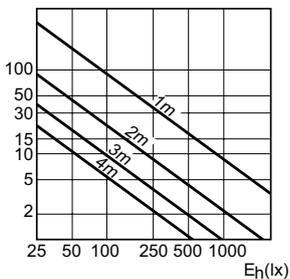
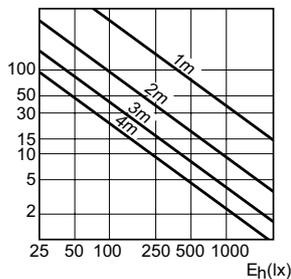
| Order Code | Full Product Name                            | Indice de rendu des couleurs |        | Efficacité lumineuse (nominale) | Flux lumineux moyen de la conception | Intensité lumineuse |          |
|------------|--|------------------------------|--------|---------------------------------|--------------------------------------|---------------------|----------|
|            |  | (min.)                       | (nom.) |                                 |                                      | (min.)              | (nom.)   |
| 430728     | MASTERColor CDM-R111 Elite 35W/930 GX8.5 10D | 87                           | 90     | 37 lm/W                         | 1200 lm                              | 27000 cd            | 36000 cd |
| 430736     | MASTERColor CDM-R111 Elite 35W/930 GX8.5 24D | 87                           | 90     | 46 lm/W                         | 1500 lm                              | 6500 cd             | 8500 cd  |
| 430769     | MASTERColor CDM-R111 Elite 70W/930 GX8.5 24D | 89                           | 92     | 50 lm/W                         | 3100 lm                              | 12000 cd            | 16000 cd |



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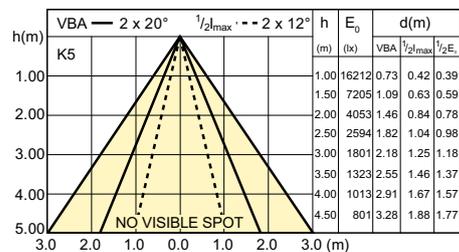
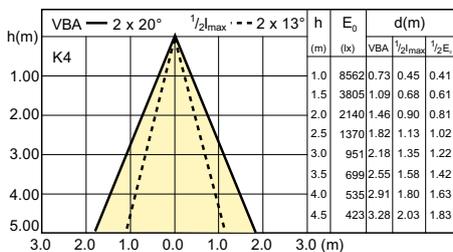
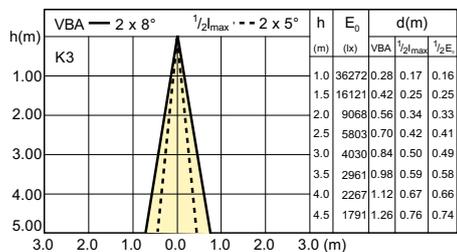
## Accent Diagrams



LDAC\_CDMR111E\_0002-Accent diagram

LDAC\_CDMR111E\_0008-Accent diagram

## Beam Diagrams



LDDB\_CDMR111E\_0001-Beam diagram

LDDB\_CDMR111E\_0002-Beam diagram

LDDB\_CDMR111E\_0008-Beam diagram

