



# Brilho perfeito, design moderno

## MASTERColour CDM-R111 Elite

A MASTERColour CDM-R111 Elite combina o aspecto moderno das lâmpadas de halogéneo reflectoras de alumínio de 111 mm com a longa duração, elevada eficiência energética e luz branca viva da MASTERColour CDM.

### Benefícios

### Características

### Aplicação

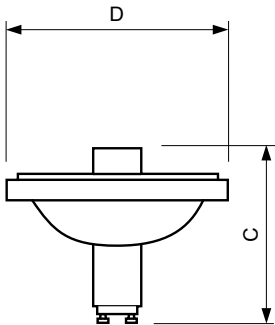
### Avisos e Segurança

### Versions



# MASTERCcolour CDM-R111 Elite

## Desenho dimensional



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

### Controles e regulação

Regulável	Não
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### Dados elétricos e de funcionamento

Tensão (Nom.)	89 V
Tempo de re-ignição (Min) (Max)	15 min
Tempo de aquecimento até 60% de luz (Nom.)	120 s

### Informações gerais

Casquilho	GX8.5
Vida útil até 20% de falhas (Nom.)	10500 h
Vida útil até 50% de falhas (Nom.)	12000 h
Vida útil até 5% de falhas (Nom.)	8000 h
Posição de funcionamento	UNIVERSAL
Ciclo de comutação	1050X

### Dados técnicos de luminosidade

Código da cor	930
Designação da cor	Warm White (WW)
Temperatura de cor correlacionada (Nom.)	3000 K
LLmf no final da vida útil nominal (Nom.)	70 %
Manutenção lumínica a 12 000 h (Nom.)	70 %
Manutenção lumínica a 2000 h (Nom.)	90 %
Manutenção lumínica a 4000 h (Nom.)	85 %

### Dados mecânicos e de revestimento

Acabamento da lâmpada	Refletor
Forma da lâmpada	R111

## Aprovação e aplicação

Order Code	Full Product Name	Consumo de energia kWh/1000 h	Etiqueta de Eficiência Energética (EEL)	Conteúdo de mercúrio (Hg) (Nom.)
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

## MASTERCcolour CDM-R111 Elite

Order Code	Full Product Name	Corrente de lâmpada			Potência (Nominal)
		(EM) (Nom.)	Tensão (Máx.)	Tensão (Mín.)	
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	Corrente de lâmpada			Potência (Nominal)
		(EM) (Nom.)	Tensão (Máx.)	Tensão (Mín.)	
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

### Informações gerais

Order Code	Full Product Name	Vida útil até 10% de falhas (Nom.)
68918800	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D	5500 h
68944700	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D	5500 h
68952200	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	5500 h

Order Code	Full Product Name	Vida útil até 10% de falhas (Nom.)
68962100	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D	9500 h
68970600	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D	9500 h
68978200	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D	9500 h

### Dados técnicos de luminosidade (1/2)

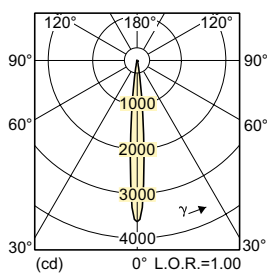
Order Code	Full Product Name	Ângulo do feixe (Nom.)	Descrição do feixe	Coordenada X	Coordenada Y
				de cromaticidade (Nom.)	de cromaticidade (Nom.)
68918800	MASTERCcolour CDM-R111 Elite 35W/930 GX8.5 10D	10 °	Spot	0,432	0,392
68944700	MASTERCcolour CDM-R111 Elite 35W/930 GX8.5 24D	24 °	Narrow Flood	0,432	0,392
68952200	MASTERCcolour CDM-R111 Elite 35W/930 GX8.5 40D	40 °	Flood	0,432	0,392
68962100	MASTERCcolour CDM-R111 Elite	10 °	Spot	0,441	0,397

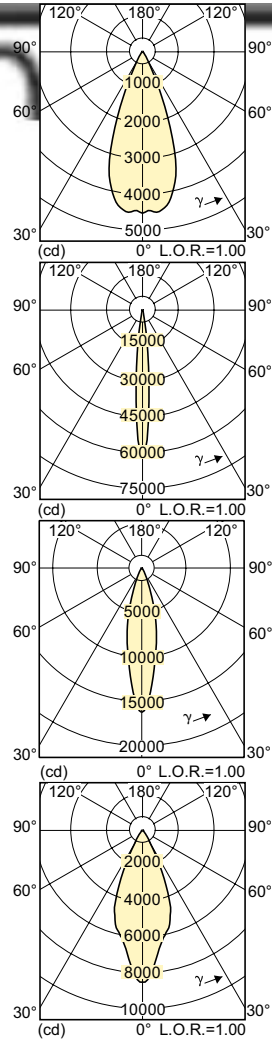
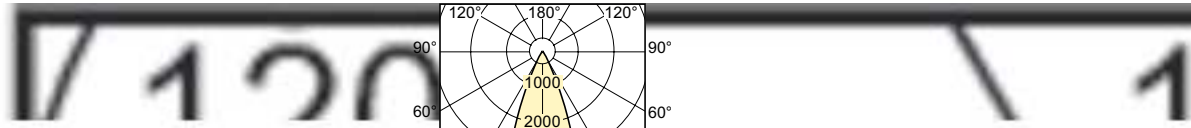
Order Code	Full Product Name	Ângulo do feixe (Nom.)	Descrição do feixe	Coordenada X	Coordenada Y
				de cromaticidade (Nom.)	de cromaticidade (Nom.)
68962100	MASTERCcolour CDM-R111 Elite 70W/930 GX8.5 10D				
68970600	MASTERCcolour CDM-R111 Elite 70W/930 GX8.5 24D	24 °	Narrow Flood	0,441	0,397
68978200	MASTERCcolour CDM-R111 Elite 70W/930 GX8.5 40D	40 °	Flood	0,441	0,397

### Dados técnicos de luminosidade (2/2)

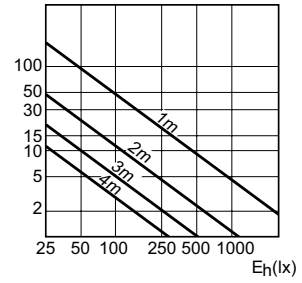
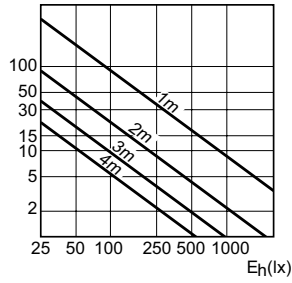
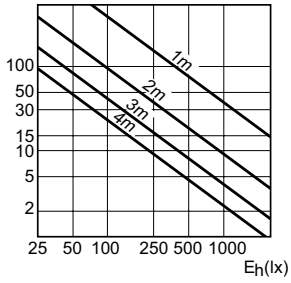
## MASTERCcolour CDM-R111 Elite

Order Code	Full Product Name	Índice de restituição cromática (Min.)	Índice de restituição cromática (Nom.)	Eficiência luminosa (nominal) (Nom.)	Média de lúmens de design	Intensidade luminosa (Min.)	Intensidade luminosa (Nom.)
68918800	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D	87	90	37 lm/W	1200 lm	27000 cd	36000 cd
68944700	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D	87	90	46 lm/W	1500 lm	6500 cd	8500 cd
68952200	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	87	90	46 lm/W	1500 lm	3500 cd	4500 cd
68962100	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D	89	92	39 lm/W	2400 lm	34000 cd	45000 cd
68970600	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D	89	92	50 lm/W	3100 lm	12000 cd	16000 cd
68978200	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D	89	92	50 lm/W	3100 lm	6500 cd	8500 cd

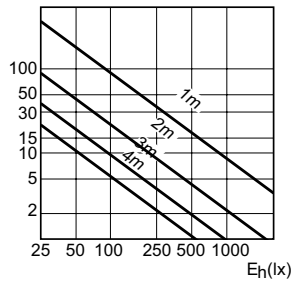
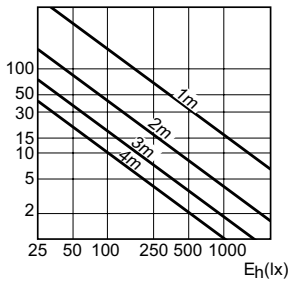




Accent Diagrams

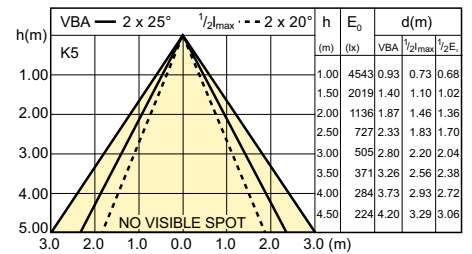
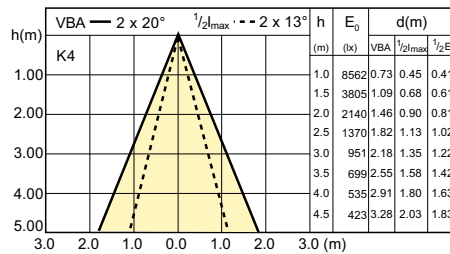
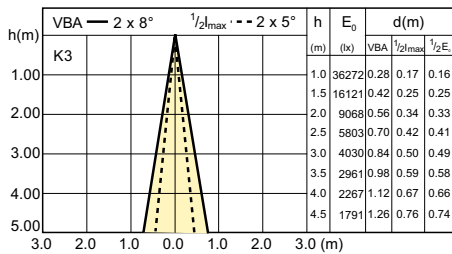


LDAC\_CDMR111E\_0002-Accent diagram



LDAC\_CDMR111E\_0008-Accent diagram

Beam Diagrams



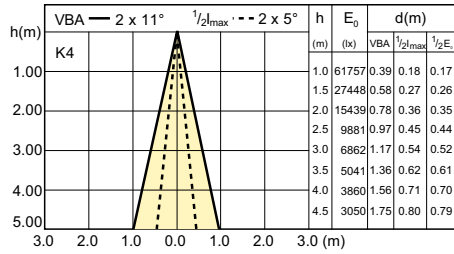
LDBE\_CDMR111E\_0001-Beam diagram

LDBE\_CDMR111E\_0002-Beam diagram

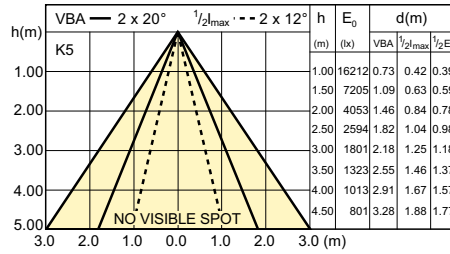
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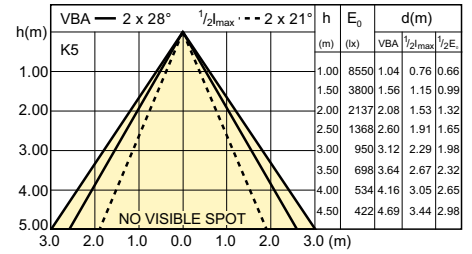
## Beam Diagrams



LDBE\_CDMR111E\_0007-Beam diagram



LDBE\_CDMR111E\_0008-Beam diagram



LDBE\_CDMR111E\_0009-Beam diagram

