



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

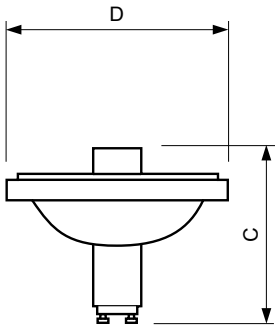
- High lamp efficacy
- Long lamp lifetime compared to incandescent and halogen lamps
- The ceramic discharge tube is optimally positioned and stable in the reflector
- UV-block burner capsule
- Anti-glare cap design

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

MASTERCcolour CDM-R111 Elite

Dimensional drawing



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

Approval and Application

Energy Efficiency Label (EEL) A

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 1050X

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 Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
928195405330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D	43 kWh	4.7 mg
928195505330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	43 kWh	4.7 mg
928195705330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D	80 kWh	6.6 mg
928195805330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D	80 kWh	6.6 mg

Operating and Electrical

MASTERCcolour CDM-R111 Elite

Order Code	Full Product Name	Lamp			Power (Rated) (Nom)
		Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	
928195405330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D	0.440 A	97 V	81 V	39 W
928195505330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	0.440 A	97 V	81 V	39 W

Order Code	Full Product Name	Lamp			Power (Rated) (Nom)
		Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	
928195705330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D	-	98 V	80 V	73.0 W
928195805330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D	-	98 V	80 V	73.0 W

General Information

Order Code	Full Product Name	Life To 10% Failures (Nom)
928195405330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D	5500 h
928195505330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	5500 h

Order Code	Full Product Name	Life To 10% Failures (Nom)
928195705330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D	9500 h
928195805330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D	9500 h

Light Technical (1/2)

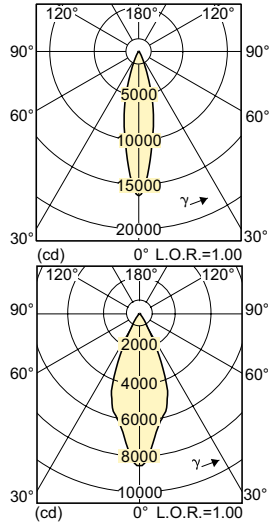
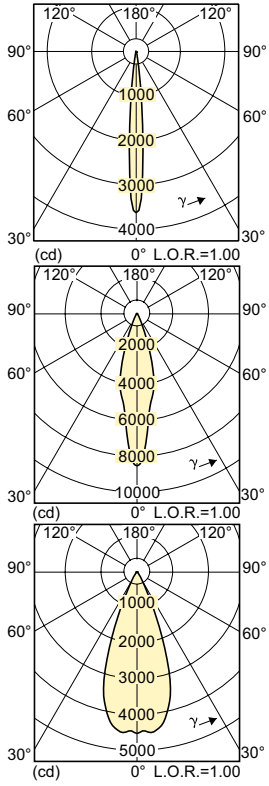
Order Code	Full Product Name	Beam		Chromaticity	
		Angle (Nom)	Beam Description	Coordinate X (Nom)	Coordinate Y (Nom)
928195405330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D	24 °	Narrow Flood	0.432	0.392
928195505330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	40 °	Flood	0.432	0.392

Order Code	Full Product Name	Beam		Chromaticity	
		Angle (Nom)	Beam Description	Coordinate X (Nom)	Coordinate Y (Nom)
928195705330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D	24 °	Narrow Flood	0.441	0.397
928195805330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D	40 °	Flood	0.441	0.397

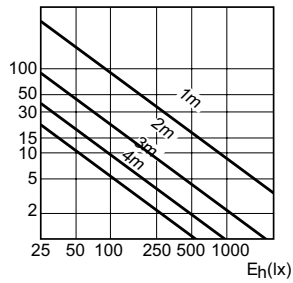
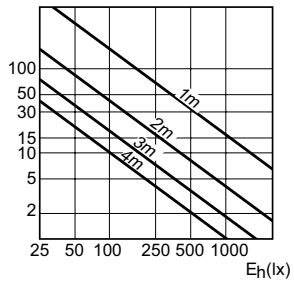
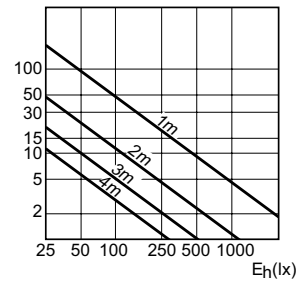
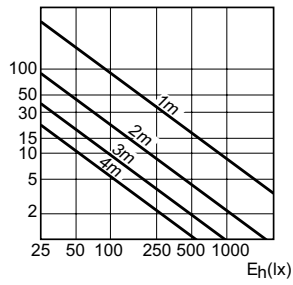
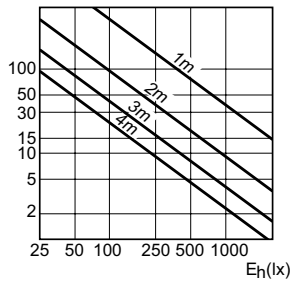
Light Technical (2/2)

Order Code	Full Product Name	Colour Rendering Index (Min)	Colour Rendering Index (Nom)	Luminous Efficacy (rated) (Nom)	Design Mean Lumens	Luminous Intensity (Min)	Luminous Intensity (Nom)
		928195405330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D	87	90	46 lm/W	1500 lm
928195505330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	87	90	46 lm/W	1500 lm	3500 cd	4500 cd
928195705330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D	89	92	50 lm/W	3100 lm	12000 cd	16000 cd
928195805330	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D	89	92	50 lm/W	3100 lm	6500 cd	8500 cd

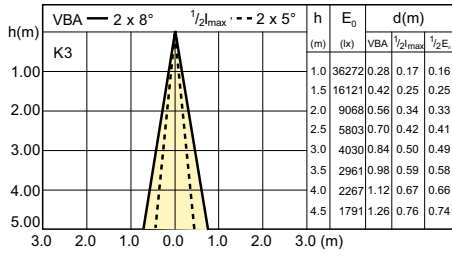
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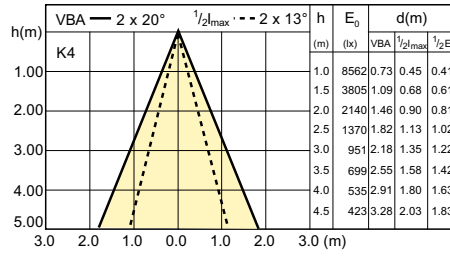
Accent Diagrams



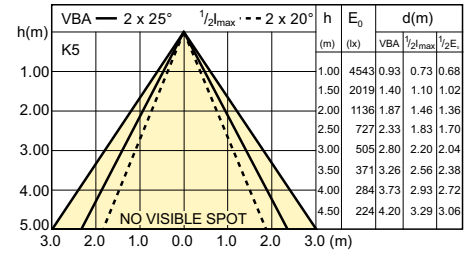
Beam Diagrams



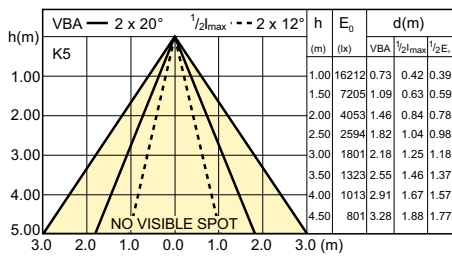
LDBE_CDMR111E_0001-Beam diagram



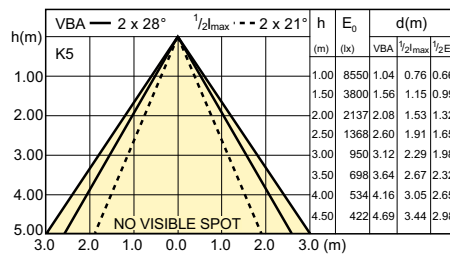
LDBE_CDMR111E_0002-Beam diagram



LDBE_CDMR111E_0003-Beam diagram



LDBE_CDMR111E_0008-Beam diagram



LDBE_CDMR111E_0009-Beam diagram

