



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.

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

MasterColor CDM-R111 Elite

Warnings and Safety

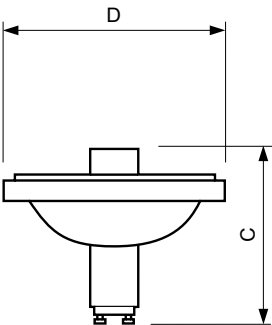
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 35W/930 lamps may also use electromagnetic gear
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp 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



CDM-R111 Elite GX8.5

Dimensional drawing



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

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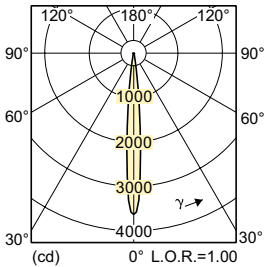
Approval and Application	
Energy Consumption kWh/1000 h	43 kWh
Mercury (Hg) Content (Nom)	4.7 mg
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Lamp Current (EM) (Nom)	0.440 A
Voltage (Max)	97 V
Voltage (Min)	81 V
Voltage (Nom)	89 V
Power (Rated) (Nom)	39.1 W
Re-Ignition Time (Min) (Max)	15 min
Warm Up Time To 60% Light (Nom)	120 s
General Information	
Cap-Base	GX8.5
Life To 10% Failures (Nom)	5500 h
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	
Chromaticity Coordinate X (Nom)	0.432
Chromaticity Coordinate Y (Nom)	0.392
Color Code	930
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K
Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90
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

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Beam Description	Luminous Efficacy (rated) (Nom)	Design Mean Lumens
430728	MASTERColor CDM-R111 Elite 35W/930 GX8.5 10D	10 °	Spot	37 lm/W	1200 lm
430736	MASTERColor CDM-R111 Elite 35W/930 GX8.5 24D	24 °	Narrow Flood	46 lm/W	1500 lm

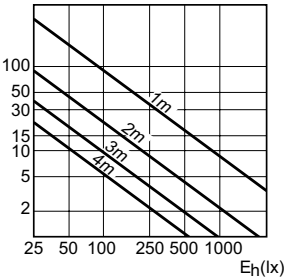
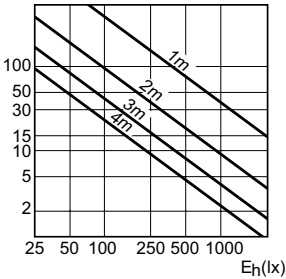
Light Technical (2/2)

Order Code	Full Product Name	Luminous Intensity (Min)	Luminous Intensity (Nom)
430728	MASTERColor CDM-R111 Elite 35W/930 GX8.5 10D	27000 cd	36000 cd
430736	MASTERColor CDM-R111 Elite 35W/930 GX8.5 24D	6500 cd	8500 cd



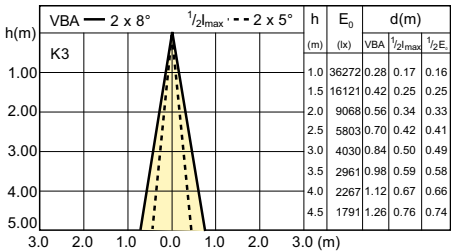


Accent Diagrams

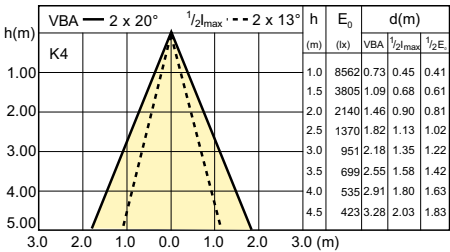


LDAC_CDMR111E_0002-Accent diagram

Beam Diagrams



LDBE_CDMR111E_0001-Beam diagram



LDBE_CDMR111E_0002-Beam diagram

