



MASTERColour CDM-R111 Elite



MASTERColour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D

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.

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.

Product data

General information			
Cap-Base	GX8.5 [GX8.5]	Beam Angle (Nom)	24 °
Operating Position	UNIVERSAL [Any or Universal (U)]	Beam Angle Technical (Nom)	23 °
Life to 5% Failures (Nom)	8000 h	Beam Angle Technical (Max)	28 °
Life To 10% Failures (Nom)	9500 h	Beam Angle Technical (Min)	18 °
Life to 20% Failures (Nom)	10500 h	Luminous Flux (Nom)	3550 lm
Life to 50% Failures (Nom)	12000 h	Luminous Intensity (Min)	12000 cd
ANSI Code HID	C139/O	Luminous Intensity (Nom)	16000 cd
Switching Cycle	1050X	Beam Description	Narrow Flood
Flux measurement reference	Narrow Cone	Color Designation	Warm White (WW)
		Lumen Maintenance 12000 h (Nom)	70 %
		Lumen Maintenance 2000 h (Nom)	90 %
		Lumen Maintenance 4000 h (Nom)	85 %
		Design Mean Lumens	3100 lm
Light technical			
Color Code	930 [CCT of 3000K]		

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Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	50 lm/W
Color Rendering Index (Min)	89
Color Rendering Index (Nom)	92
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	3550 lm

Operating and electrical

Power (Nom)	73.2 W
Re-Ignition Time (Min) (Max)	15 min
Warm Up Time to 60% Light (Nom)	120 s
Ignition Time (Max)	30 s
Voltage (Max)	98 V
Voltage (Min)	80 V
Voltage (Nom)	89 V

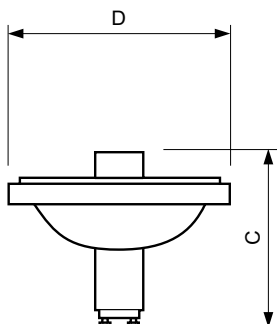
Controls and dimming

Dimmable	No
Run-Up Time 90% (Max)	3 min

Mechanical and housing

Bulb Finish	Reflector
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Dimensional drawing



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Bulb Shape	R111 [R 111mm]
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Approval and application

Energy Efficiency Class	G
Mercury (Hg) Content (Max)	6.6 mg
Mercury (Hg) Content (Nom)	6.6 mg
Energy Consumption kWh/1000 h	74 kWh
EPREL Registration Number	473283

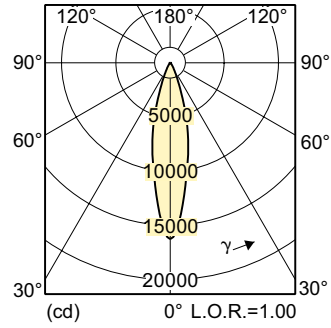
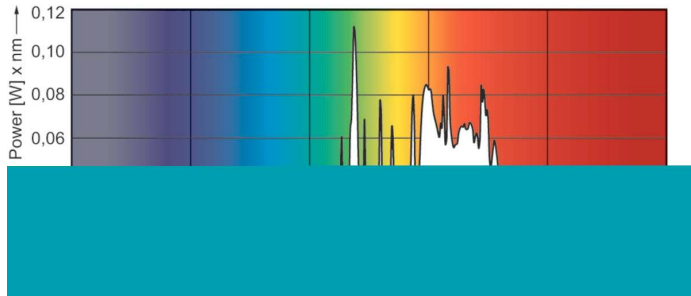
Product data

Full product code	871829168970600
Order product name	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D
EAN/UPC - Product	8718291689706
Order code	928195705330
Numerator - Quantity Per Pack	1
Local code description	MASTERC CDM-R111 ELITE 70W/930 GX8.5 24D
Numerator - Packs per outer box	6
Material Nr. (12NC)	928195705330
Net Weight (Piece)	96.000 g
ILCOS Code	MRS/UB-70/930-H-GX8.5-111/88/24

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

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Photometric data



LDLD_CDMR111E_0008-Light distribution diagram

