



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	23 °
Life to 5% failures (nom.)	8000 h	Beam angle technical	28 °
Life to 10% failures (nom.)	9500 h	Beam angle technical	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	1,050X	Beam description	Narrow Flood
	Narrow Cone	Colour designation	Warm White (WW)
		Lumen maintenance 12,000 hours (nom.)	70 %
		Lumen maintenance 2,000 hours (nom.)	90 %
		Lumen maintenance 4,000 hours (nom.)	85 %
		Design mean lumens	3100 lm
Light Technical			
Colour Code	930 [CCT of 3,000 K]		

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Chromaticity coordinate X (nom.)	0.434
Chromaticity coordinate Y (nom.)	0.398
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	50 lm/W
Colour-rendering index (min.)	89
Colour rendering index (nom.)	92
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	3550 lm

Operating and Electrical

Power (Rated) (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

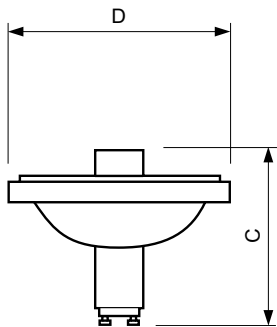
Controls and Dimming

Dimmable	No
Run-up time 90% (max.)	3 min

Mechanical and Housing

Lamp 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/1,000 hours	74 kWh
	473283

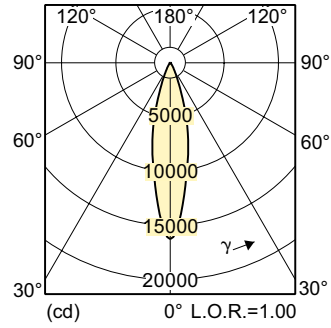
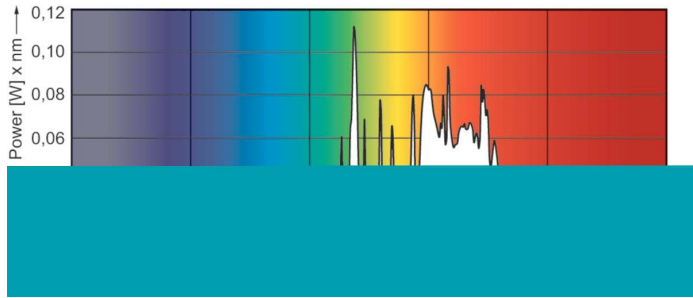
Product Data

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	68970600
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	928195705330
SAP net weight (piece)	96.000 g
ILCOS code	MRS/UB-70/930-H-GX8.5-111/88/24

Product	D (max)	C (max)
MASTERCcolour 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

