

MASTERColour CDM-R111 Elite

MASTERC 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.

Product data

• General Information

Cap-Base	GX8.5 [GX8.5]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life To 5% Failures (Nom)	8000 h
Life To 10% Failures (Nom)	9500 h
Life To 20% Failures (Nom)	10500 h
Life To 50% Failures (Nom)	12000 h
ANSI Code HID	C139/O
Switching Cycle	1050X

• Light Technical

Colour Code	930 [CCT of 3000K]
Beam Angle (Nom)	24 °
Beam Angle Technical (Nom)	23 °
Beam Angle Technical (Max)	28 °
Beam Angle Technical (Min)	18 °
Luminous Intensity (Min)	12000 cd
Luminous Intensity (Nom)	16000 cd
Beam Description	Narrow Flood
Colour 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
Chromaticity Coordinate X (Nom)	0.441
Chromaticity Coordinate Y (Nom)	0.397
Colour Temperature, horizontal (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	50 lm/W
Colour Rendering Index horiz (Min)	89
Colour Rendering Index horiz (Nom)	92
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux In 90° Cone (Rated)	3550 lm

• Operating and Electrical

Power (Rated) (Nom)	73.0 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

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MASTERColour CDM-R111 Elite

- Mechanical and Housing

Bulb Finish	Reflector

- Approval and Application

Energy Efficiency Label	A
Mercury (Hg) Content (Nom)	6.6 mg
Energy Consumption kWh/1000 h	80 kWh

- Product Data

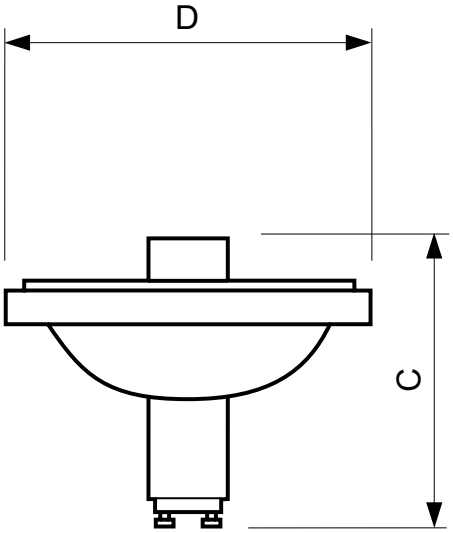
Full product code	871829168970600

Order product name	MASTERC CDM-R111 Elite 70W/930 GX8.5 24D
EAN/UPC - Product	8718291689706
Order code	68970600
Numerator - Quantity Per Pack	1
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

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.

Dimensional drawing



GX8.5

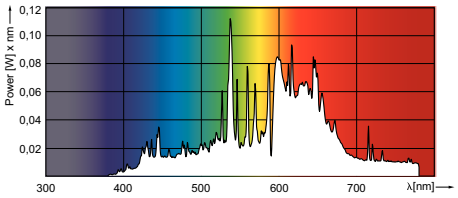


CDM-R111 Elite 70W/930 24D

Product	D	C
MASTERC CDM-R111 Elite 70W/930 GX8.5 24D	111 mm	95 mm

MASTERColour CDM-R111 Elite

Photometric data



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data subject to change