



MASTERColour CDM-R111 Elite

MASTERColour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D

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.

Product data

General Information	
Cap base	GX8.5 [GX8.5]
Operating position	UNIVERSAL [Any/Universal]
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 3.000 K]
Beam Angle (Nom)	10 °
Beam angle technical	11 °
Beam angle technical	13 °
Beam angle technical	9 °
Luminous intensity (min.)	34000 cd
Luminous intensity (nom.)	45000 cd
Beam description	Spot
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	2400 lm
Chromaticity coordinate X (nom.)	0.441
Chromaticity coordinate Y (nom.)	0.397
Correlated colour temperature (nom.)	3000 K
Luminous efficacy (rated) (nom.)	39 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)	2750 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

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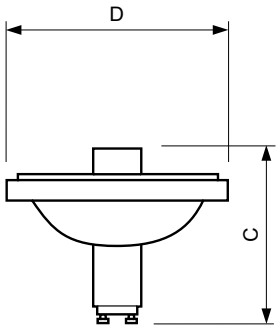
Voltage (Nom)	89 V
Controls and Dimming	
Dimmable	no
Run-up time 90% (max.)	3 min
Mechanical and Housing	
Bulb finish	Reflector
Approval and Application	
Energy efficiency label (EEL)	B
Mercury (Hg) content (nom.)	6.6 mg
Energy Consumption kWh/1000 h	80 kWh

Product Data	
Full product code	871829168962100
Order product name	MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D
EAN/UPC – product	8718291689621
Order code	68962100
Local Code	70CDMER11193010
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	928195605330
Net weight (piece)	96.000 g
ILCOS Code	MRS/UB-70/930-H-GX8.5-111/88/10

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.

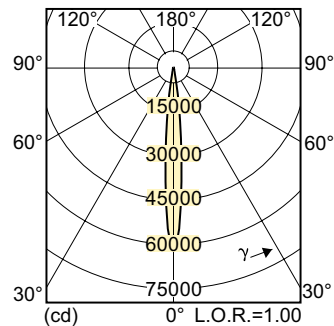
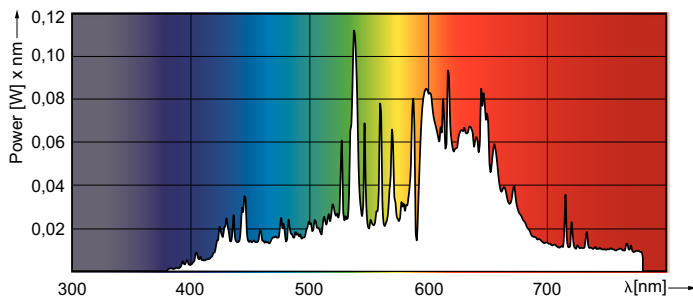
Dimensional drawing



CDM-R111 Elite 70W/930 10D

Product	D (max)	C (max)
MASTERCcolour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D	111 mm	95 mm

Photometric data



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