



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 aluminium-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]
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	1,050X
Light Technical	
Colour Code	930 [CCT of 3,000 K]
Beam Angle (Nom)	24°

Beam angle technical	23°
Beam angle technical (max.)	28°
Beam angle technical	18°
Luminous intensity (min.)	12000 cd
Luminous intensity (nom.)	16000 cd
Beam description	Narrow Flood
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
Chromaticity coordinate X (nom.)	0.441
Chromaticity coordinate Y (nom.)	0.397

MASTERCcolour CDM-R111 Elite

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
-------------	-----------

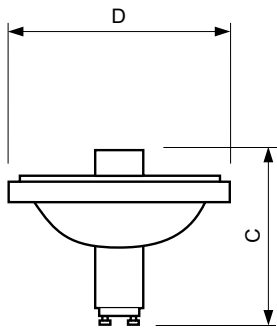
Approval and Application

Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	6.6 mg
Energy consumption kWh/1,000 hours	80 kWh

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
Local code	70CDMER11193024
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12 NC)	928195705330
SAP net weight (piece)	96.000 g
ILCOS code	MRS/UB-70/930-H-GX8.5-111/88/24

Dimensional drawing

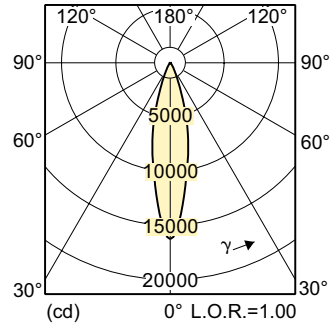
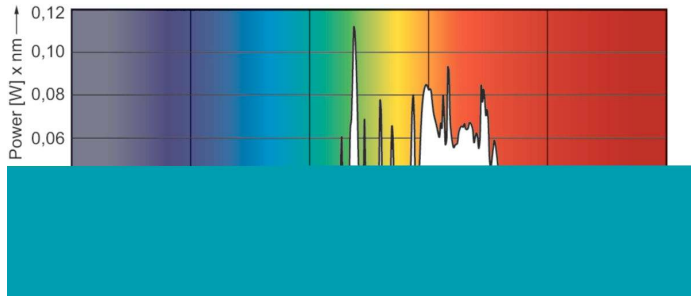


CDM-R111 Elite 70W/930 24D

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

MASTERCoulour CDM-R111 Elite

Photometric data



LDLD_CDMR111E_0008-Light distribution diagram

