



MASTERColour CDM-R Elite

MASTERColour CDM-R Elite 70W/930 E27 PAR30L 30D

Compact, very high-efficiency, long-life Ceramic Metal Halide discharge reflector lamp producing crisp white sparkling light with high color rendering

Warnings and Safety

- Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- 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	E27 [E27]	Luminous flux (nom.)	4500 lm
Operating position	UNIVERSAL [Any or Universal (U)]	Luminous intensity (nom.)	14000 cd
Life to 5% failures (nom.)	9000 h	Beam description	Flood [Flood]
Life to 10% failures (nom.)	6500 h	Colour designation	Warm White (WW)
Life to 20% failures (nom.)	12000 h	Lumen maintenance 12,000 hours (nom.)	82 %
Life to 50% failures (nom.)	15000 h	Lumen maintenance 2,000 hours (nom.)	94 %
Switching cycle	1350X	Lumen maintenance 4,000 hours (nom.)	90 %
	Narrow Cone	Design mean lumens	3800 lm
		Chromaticity coordinate X (nom.)	0.434
		Chromaticity coordinate Y (nom.)	0.398
		Correlated Colour Temperature (Nom)	3000 K
		Luminous efficacy (rated) (nom.)	70 lm/W
		Colour-rendering index (min.)	89
		Colour rendering index (nom.)	92
Light technical			
Colour Code	930 [CCT of 3,000 K]		
Beam Angle (Nom)	30 °		
Beam angle technical	30 °		

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LLMF at end of nominal lifetime (nom.)	80 %
Luminous flux in 90° cone (rated)	4500 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)	93 V
Voltage (Min)	79 V
Voltage (Nom)	86 V

Controls and dimming

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

Mechanical and housing

Lamp Finish	Clear
Bulb shape	PAR30L [PAR 3.75 inch/95mm Long]

Approval and application

Energy Efficiency Class	G
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Mercury (Hg) content (max.)	6.6 mg
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Energy consumption kWh/1,000 hours	74 kWh
	473365

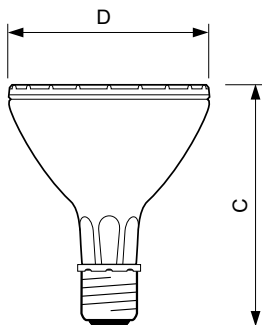
Luminaire design requirements

Bulb temperature (max.)	300 °C
Cap-base temperature (max.)	200 °C

Product data

Full product code	871829124188100
Order product name	MASTERCLOUR CDM-R Elite 70W/930 E27 PAR30L 30D
EAN/UPC – product	8718291241881
Order code	24188100
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	928109400630
Copy Net Weight (Piece)	0.220 kg
ILCOS code	MRS/UB-70/930-H-E27-95/125/30

Dimensional drawing

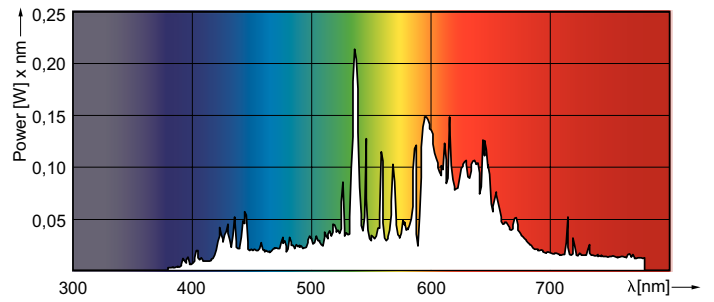
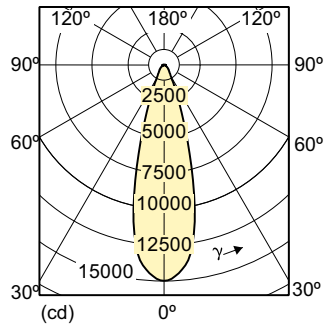


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Product	D (max)	C (max)
MASTERColour CDM-R Elite 70W/930 E27 PAR30L 30D	97 mm	123 mm

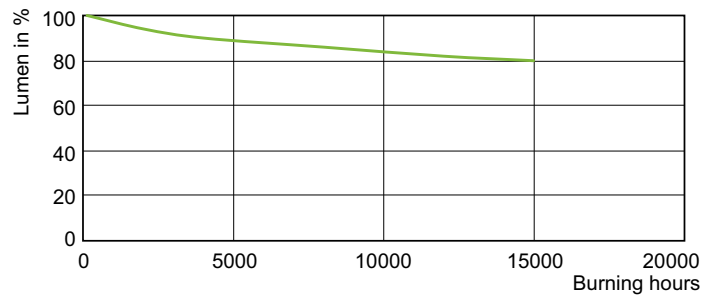
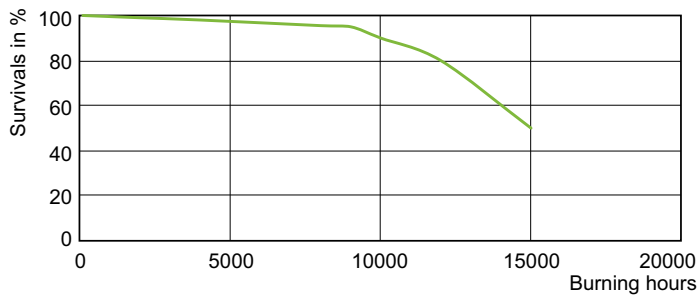
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Photometric data



LDLD_CDM-R-E_0004-Light distribution diagram

Lifetime



LDLE_CDM-R-E_930_PAR30L-Life expectancy diagram

