



MASTERColour CDM-R Elite

MASTERColour CDM-R Elite 70W/930 E27 PAR30L 40D

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

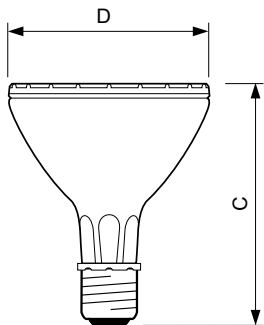
General Information		Beam description	
Cap base	E27 [E27]	Beam description	Flood [Flood]
Operating position	UNIVERSAL [Any or Universal (U)]	Colour designation	Warm White (WW)
Life to 5% failures (nom.)	9000 h	Lumen maintenance 12,000 hours (nom.)	82 %
Life to 10% failures (nom.)	6500 h	Lumen maintenance 2,000 hours (nom.)	94 %
Life to 20% failures (nom.)	12000 h	Lumen maintenance 4,000 hours (nom.)	90 %
Life to 50% failures (nom.)	15000 h	Design mean lumens	3800 lm
Switching cycle	1350X	Chromaticity coordinate X (nom.)	0.443
Light Technical		Chromaticity coordinate Y (nom.)	0.402
Colour Code	930 [CCT of 3,000 K]	Correlated Colour Temperature (Nom)	3000 K
Beam Angle (Nom)	40 °	Luminous efficacy (rated) (nom.)	70 lm/W
Beam angle technical (nom.)	37 °	Colour-rendering index (min.)	89
Luminous intensity (nom.)	10300 cd	Colour rendering index (nom.)	92
		LLMF at end of nominal lifetime (nom.)	80 %

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Luminous flux in 90° cone (rated)	4400 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
Approval and Application	
Energy efficiency label (EEL)	A

Mercury (Hg) content (nom.)	6.6 mg
Energy consumption kWh/1,000 hours	80 kWh
Luminaire Design Requirements	
Bulb temperature (max.)	300 °C
Cap-base temperature (max.)	200 °C
Product Data	
Full product code	871829124190400
Order product name	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 40D
EAN/UPC – product	8718291241904
Order code	24190400
Numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	928109500630
SAP net weight (piece)	0.220 kg
ILCOS code	MRS/UB-70/930-H-E27-95/125/40

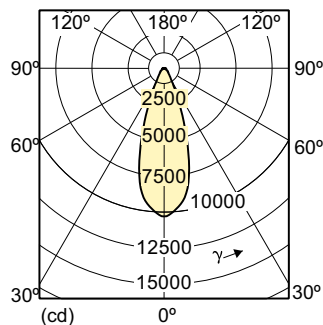
Dimensional drawing



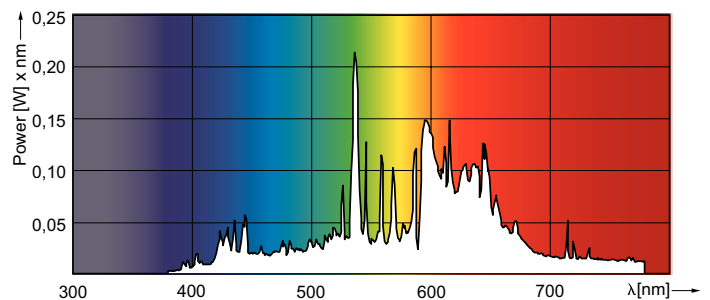
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Product	D (max)	C (max)
MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 40D	97 mm	123 mm

Photometric data

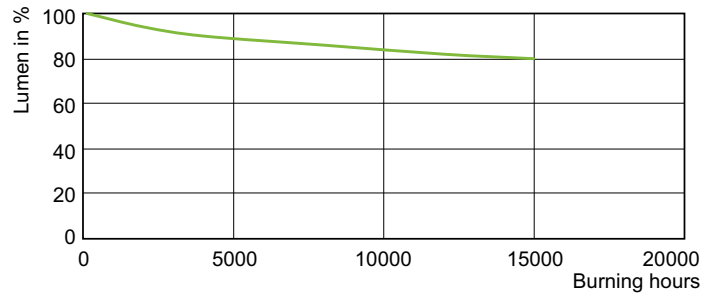
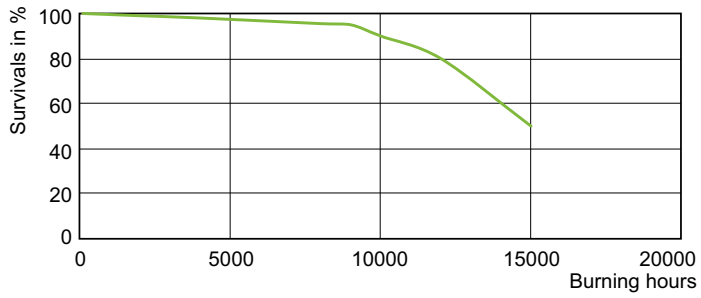


LDLD_CDM-R-E_0005-Light distribution diagram



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Lifetime



LDLE_CDM-R-E_930_PAR30L-Life expectancy diagram

