



# MASTERColour CDM-R Elite

## MASTERColour CDM-R Elite 35W/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

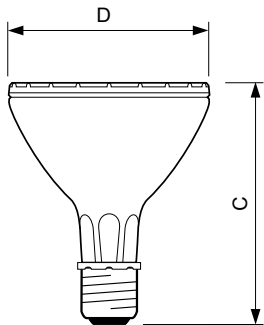
General Information		Beam description	
Cap base	E27 [ E27]	Beam description	Flood [ Flood]
Operating position	UNIVERSAL [ Any or Universal (U)]	Colour designation	Warm White (WW)
Life to 5% failures (nom.)	9000 h	Lumen maintenance 12,000 hours (nom.)	82 %
Life to 10% failures (nom.)	5500 h	Lumen maintenance 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	2000 lm
Switching cycle	1350X	Chromaticity coordinate X (nom.)	0.437
Light Technical		Chromaticity coordinate Y (nom.)	0.400
Colour Code	930 [ CCT of 3,000 K]	Correlated Colour Temperature (Nom)	3000 K
Beam Angle (Nom)	30 °	Luminous efficacy (rated) (nom.)	69 lm/W
Beam angle technical (nom.)	30 °	Colour-rendering index (min.)	88
Luminous intensity (nom.)	8000 cd	Colour rendering index (nom.)	91
		LLMF at end of nominal lifetime (nom.)	80 %

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Luminous flux in 90° cone (rated)	2400 lm
<b>Operating and Electrical</b>	
Power (Rated) (Nom)	39.1 W
Lamp current (EM) (nom.)	0.450 A
Ignition supply voltage (min.)	198 V
Re-ignition time (min.) (max.)	15 min
Warm-up time to 60% light (nom.)	120 s
Ignition time (max.)	30 s
Voltage (Max)	96 V
Voltage (Min)	80 V
Voltage (Nom)	88 V
<b>Controls and Dimming</b>	
Dimmable	No
Run-up time 90% (max.)	3 min
<b>Mechanical and Housing</b>	
Lamp Finish	Clear
<b>Approval and Application</b>	
Energy efficiency label (EEL)	A

Mercury (Hg) content (nom.)	4.7 mg
Energy consumption kWh/1,000 hours	43 kWh
<b>Luminaire Design Requirements</b>	
Bulb temperature (max.)	300 °C
Cap-base temperature (max.)	200 °C
<b>Product Data</b>	
Full product code	871829124194200
Order product name	MASTERColour CDM-R Elite 35W/930 E27 PAR30L 30D
EAN/UPC – product	8718291241942
Order code	24194200
Numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	928108200630
SAP net weight (piece)	0.220 kg
ILCOS code	MRS/UB-35/930-H-E27-95/125/30

## Dimensional drawing

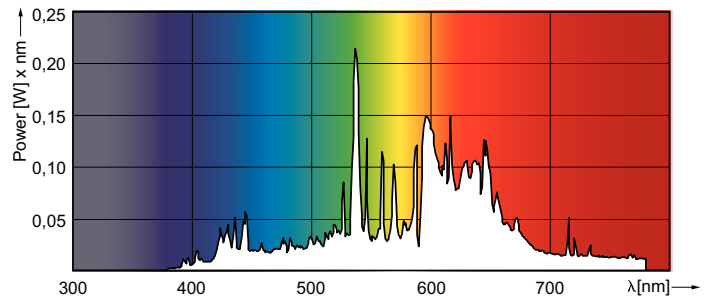
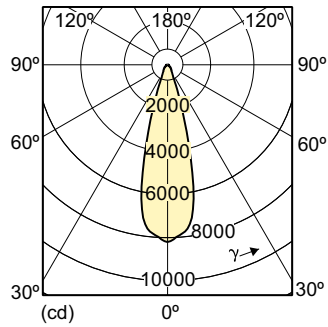


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Product	D (max)	C (max)
MASTERColour CDM-R Elite 35W/930 E27 PAR30L 30D	97 mm	123 mm

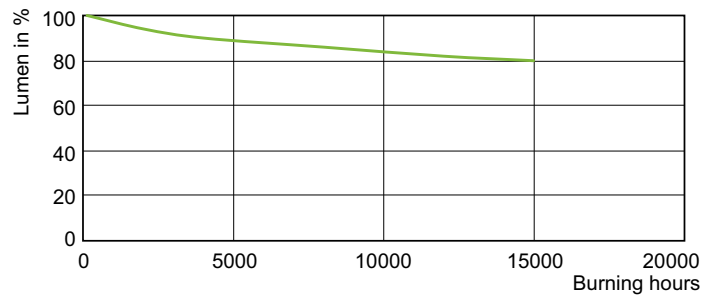
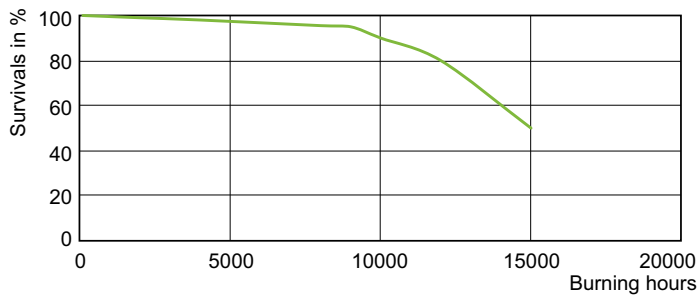
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## Photometric data



LDLD\_CDM-R-E\_0001-Light distribution diagram

## Lifetime



LDLE\_CDM-R-E\_930\_PAR30L-Life expectancy diagram

