



# 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			
Cap base	E27 [ E27]	Luminous flux (nom.)	4400 lm
Operating position	UNIVERSAL [ Any or Universal (U)]	Luminous intensity (nom.)	10300 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

# MASTERCcolour CDM-R Elite

LLMF at end of nominal lifetime (nom.)	80 %
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
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
Mercury (Hg) content (nom.)	6.6 mg
Energy consumption kWh/1,000 hours	74 kWh
	473366

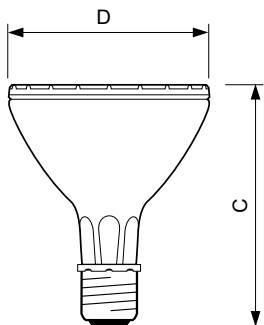
## Luminaire Design Requirements

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
SAP 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

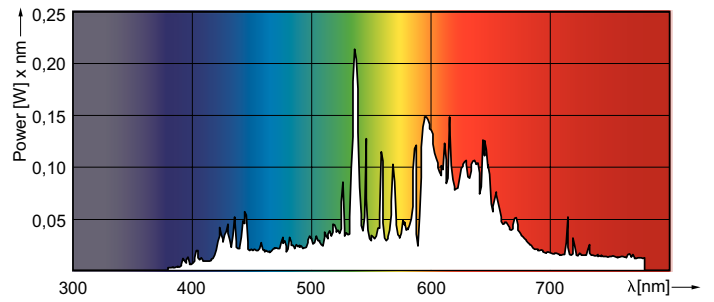
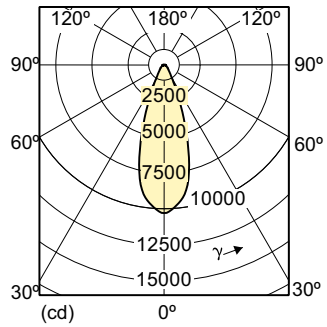


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Product	D (max)	C (max)
MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 40D	97 mm	123 mm

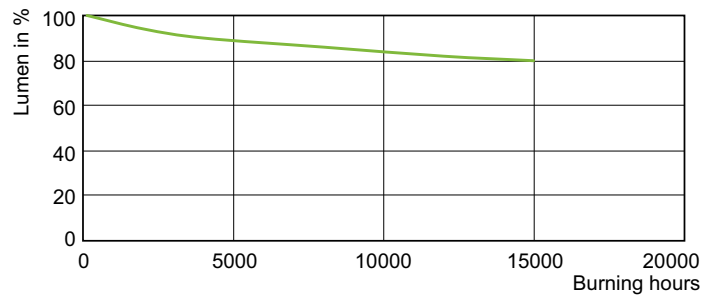
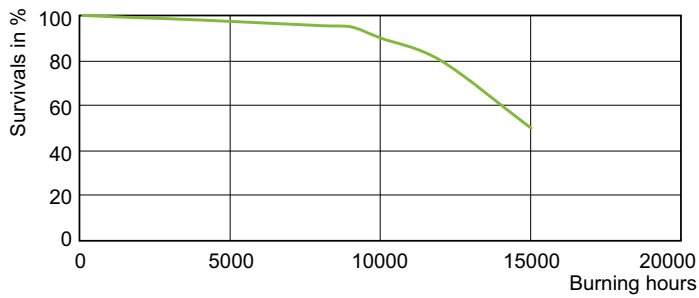
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## Photometric data



LDLD\_CDM-R-E\_0005-Light distribution diagram

## Lifetime



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

