



# 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 colour rendering

### Warnings and Safety

- Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

### Product data

General Information	
Cap base	E27 [ E27]
Operating position	UNIVERSAL [ Any/Universal]
Life to 5% failures (nom.)	9000 h
Life to 10% failures (nom.)	6500 h
Life to 20% failures (nom.)	12000 h
Life to 50% failures (nom.)	15000 h
Switching cycle	1350X
Light Technical	
Colour Code	930 [ CCT of 3,000 K]
Beam Angle (Nom)	40°
Beam angle technical	37°
Luminous intensity (nom.)	10300 cd
Beam description	Flood [ Flood]
Colour designation	Warm white (WW)
Lumen maintenance 12,000 hours (nom.)	82 %

Lumen maintenance 2,000 hours (nom.)	94 %
Lumen maintenance 4,000 hours (nom.)	90 %
Design mean lumens	3800 lm
Chromaticity coordinate X (nom.)	0.443
Chromaticity coordinate Y (nom.)	0.402
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	70 lm/W
Colour-rendering index (min.)	89
Color rendering index (nom.)	92
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

# MASTERCcolour CDM-R Elite

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
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## 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

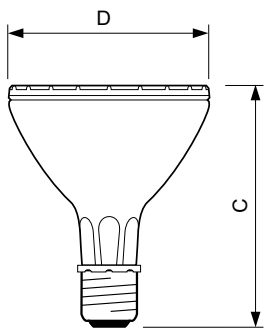
Bulb temperature (max.)	300 °C
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Cap-base temperature (max.)	200 °C
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## Product Data

Full product code	871829124190400
Order product name	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 40D
EAN/UPC – product	8718291241904
Order code	24190400
Local order code	70CDM930PAR3040
SAP numerator – quantity per pack	1
SAP numerator – packs per outer box	6
Material no. (12 NC)	928109500630
SAP net weight (piece)	0.220 kg
ILCOS code	MRS/UB-70/930-H-E27-95/125/40

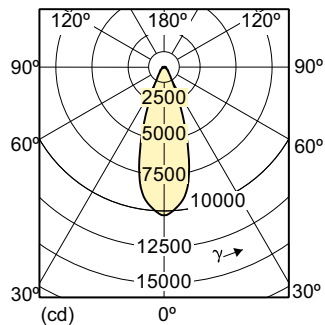
## Dimensional drawing



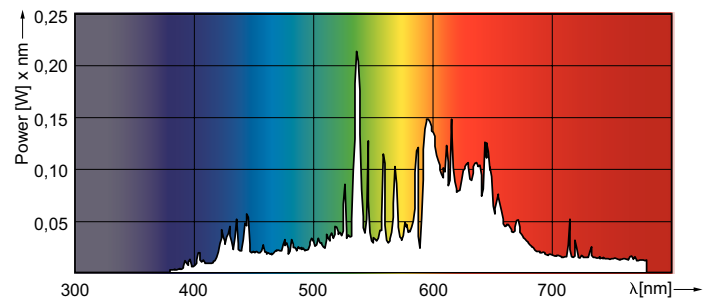
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Product	D (max)	C (max)
MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 40D	97 mm	123 mm

## Photometric data



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



# MASTERC colour CDM-R Elite

## Lifetime



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

