



# 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 colour rendering

### Product data

General Information	
Cap base	E27 [ E27]
Burning 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]
Technical Beam Angle (Nom)	30 °
Beam angle technical	30 °
Luminous intensity (nom.)	14000 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
Colour Temperature, horizontal (Nom)	3000 K
Lamp Luminous Efficacy EM (Nom)	70 lm/W
Colour Rendering Index,horiz (Min)	89
Colour Rendering Index,horiz (Nom)	92
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

# MASTERC colour CDM-R Elite

## Mechanical and Housing

Bulb finish	Clear
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## Approval and Application

Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	6.6 mg
Energy Consumption kWh/1000 h	80 kWh

## Luminaire Design Requirements

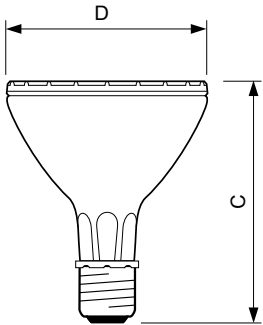
Bulb temperature (max.)	300 °C
Cap base temperature (max.)	200 °C

## Product Data

Full product code	871829124188100
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Order product name	MASTERC colour CDM-R Elite 70W/930 E27 PAR30L 30D
EAN/UPC – product	8718291241881
Order code	928109400630
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	928109400630
Net weight (piece)	0.220 kg
ILCOS Code	MRS/UB-70/930-H-E27-95/125/30

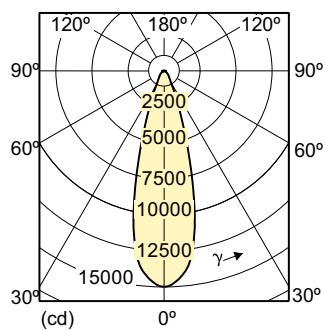
## Dimensional drawing



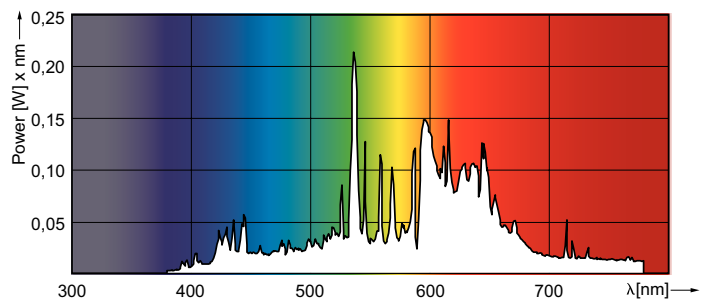
CDM-R Elite 70W/930 E27 PAR30L 30D

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

## Photometric data



LDLD\_CDM-R-E\_0004-Light distribution diagram



# MASTERCcolour CDM-R Elite

## Lifetime



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

