

**PHILIPS**

Lighting



# 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

### 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
Color 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)	73.0 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

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## Mechanical and Housing

Bulb finish Clear

## 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

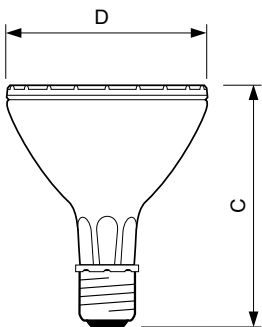
## Product Data

Full product code 871829124190400

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

## Warnings and Safety

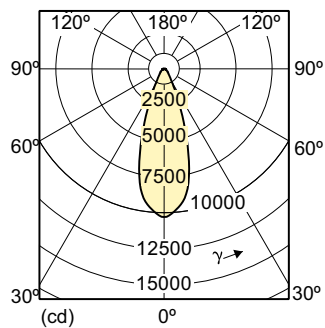
### Dimensional drawing



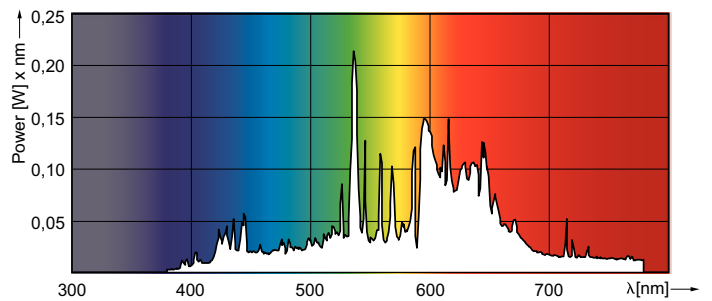
CDM-R Elite 70W/930 E27 PAR30L 40D

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

### Photometric data

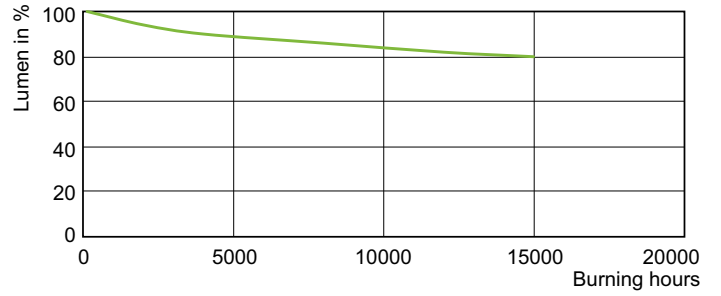
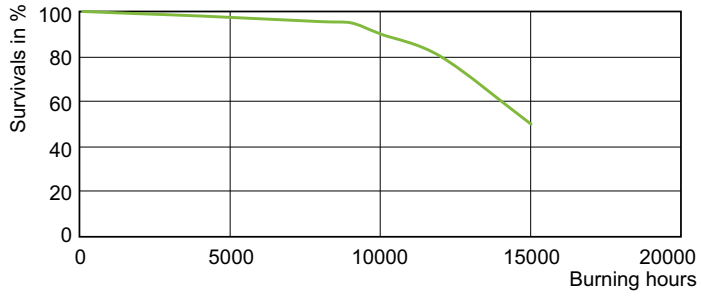


LDLD\_CDM-R-E\_0005-Light distribution diagram



# MASTERC colour CDM-R Elite

## Lifetime



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

