PHILIPS

Lighting



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]
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 3000K]
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
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)	4500 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

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Run-up time 90% (max.)	3 min

Mechanical and Housing

Bulb finish	Clear (CL)

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

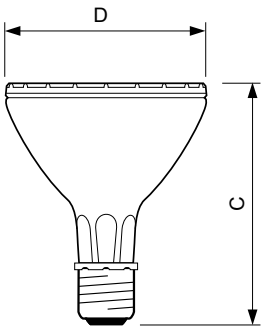
Product Data

Full product code	871829124188100
Order product name	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 30D
EAN/UPC – product	8718291241881
Order code	24188100
Local Code	70CDM930PAR3030
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

Warnings and Safety

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

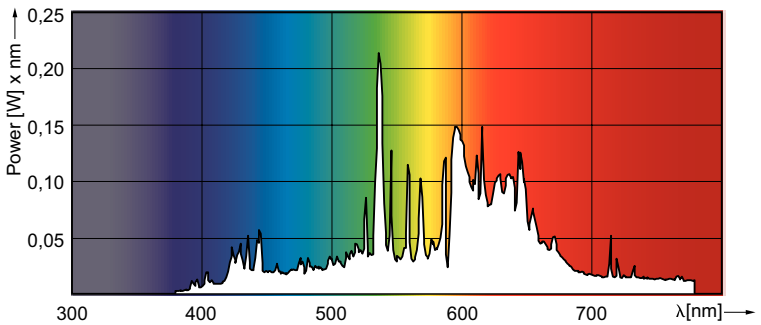
Dimensional drawing



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

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

Photometric data





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2017, May 26 - data subject to change