

MASTERColour CDM-R Elite

MASTERColour CDM-R Elite 70W/930 E27 PAR30L 10D

Compact, very high-efficiency, long-life Ceramic Metal Halide discharge reflector lamp producing crisp white sparkling light with high color rendering

Product data

• General Information

Cap-Base	E27 [E27]
Operating Position	UNIVERSAL [Any or Universal (U)]
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)	10 °
Beam Angle Technical (Nom)	11 °
Luminous Intensity (Nom)	61000 cd
Beam Description	Spot
Colour Designation	Warm White (WW)
Lumen Maintenance 12000 h (Nom)	82 %
Lumen Maintenance 2000 h (Nom)	94 %
Lumen Maintenance 4000 h (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
Luminous Efficacy (rated) (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)	73.0 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

• Mechanical and Housing

Bulb Finish	Clear (CL)

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MASTERColour CDM-R Elite

- Approval and Application

Energy Efficiency Label	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

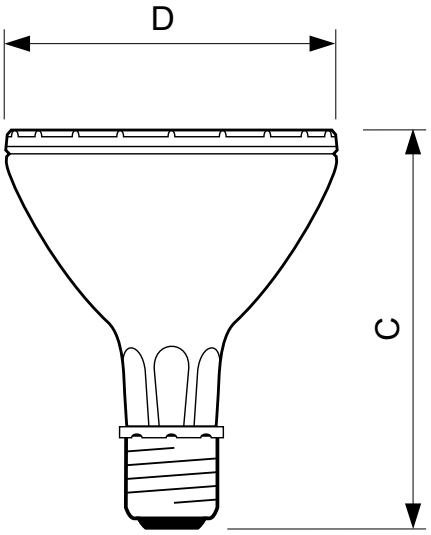
- Product Data

Full product code	871829124186700
Order product name	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 10D
EAN/UPC - Product	8718291241867
Order code	24186700
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928109300630
Net Weight (Piece)	0.220 kg
ILCOS Code	MRS/UB-70/930-H-E27-95/125/10

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.

Dimensional drawing



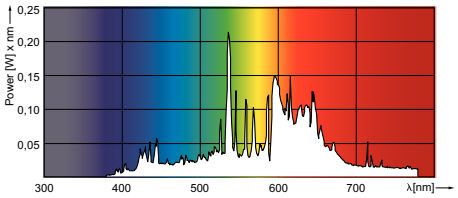
CDM-R Elite /930, /942 E27 PAR30L

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Product	D	C
MASTERColour CDM-R Elite 70W/930 E27 PAR30L 10D	97 mm	123 mm



Photometric data



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data subject to change