

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

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.

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
Flux measurement reference	Narrow Cone

Light technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	10 °
Beam Angle Technical (Nom)	11 °

Luminous Flux (Nom)	4500 lm
Luminous Intensity (Nom)	61000 cd
Beam Description	Spot
Color 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)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	70 lm/W
Color Rendering Index (Min)	89
Color Rendering Index (Nom)	92

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LLMF At End Of Nominal Lifetime (Nom)	80 %
Luminous Flux in 90° Cone (Rated)	4500 lm

Operating and electrical

Power (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

Mechanical and housing

Bulb Finish	Clear
Bulb Shape	PAR30L [PAR 3.75 inch/95mm Long]

Approval and application

Energy Efficiency Class	G
Mercury (Hg) Content (Max)	6.6 mg
Mercury (Hg) Content (Nom)	6.6 mg
Energy Consumption kWh/1000 h	74 kWh
EPREL Registration Number	473364

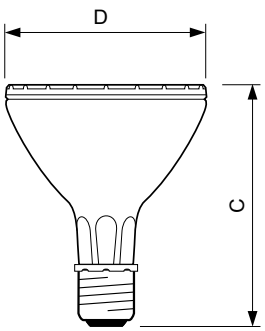
Luminaire design requirements

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	928109300630
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928109300630
Copy Net Weight (Piece)	0.220 kg
ILCOS Code	MRS/UB-70/930-H-E27-95/125/10

Dimensional drawing

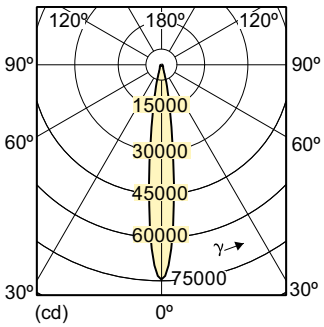


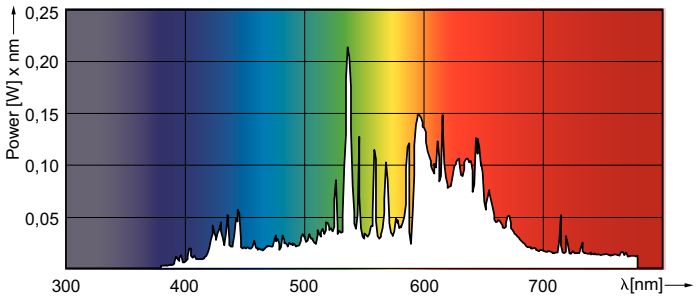
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Product	D (max)	C (max)
MASTERColour CDM-R Elite 70W/930 E27 PAR30L 10D	97 mm	123 mm

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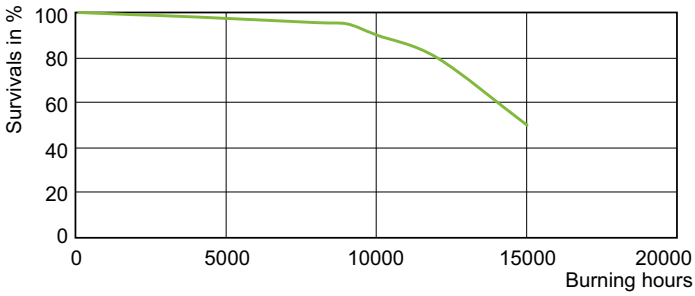
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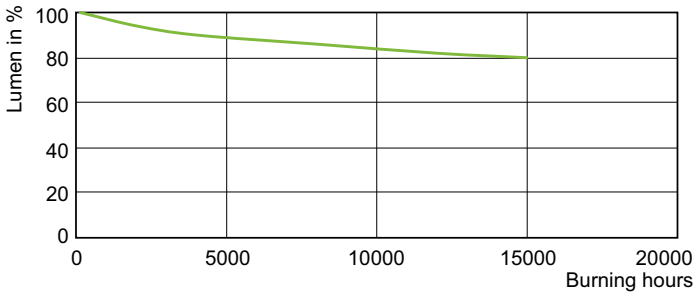




LDLD_CDM-R-E_0003-Light distribution diagram

Lifetime





LDLE_CDM-R-E_930_PAR30L-Life expectancy diagram

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