

**PHILIPS**

Lighting



# MASTERColour CDM-R Elite

## MASTERColour CDM-R Elite 70W/942 E27 PAR30L 30D

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)	10000 h
Life to 20% Failures (Nom)	12000 h
Life to 50% Failures (Nom)	15000 h
Switching Cycle	1350X

Light Technical	
Color Code	942 [ CCT of 4200K]
Beam Angle (Nom)	30 °
Beam Angle Technical (Nom)	30 °
Beam Angle Technical (Max)	37 °
Beam Angle Technical (Min)	23 °
Luminous Flux (Rated) (Nom)	5200 lm
Luminous Intensity (Min)	10125 cd
Luminous Intensity (Nom)	13500 cd
Beam Description	Flood
Color Designation	Cool White (CW)
Lumen Maintenance 12000 h (Nom)	77 %

Lumen Maintenance 2000 h (Nom)	90 %
Lumen Maintenance 4000 h (Nom)	84 %
Design Mean Lumens	4200 lm
Chromaticity Coordinate X (Nom)	0.372
Chromaticity Coordinate Y (Nom)	0.369
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	71 lm/W
Color Rendering Index (Min)	89
Color Rendering Index (Nom)	92
LLMF At End Of Nominal Lifetime (Nom)	75 %
Luminous Flux in 90° Cone (Rated)	4500 lm

Operating and Electrical	
Power (Rated) (Nom)	73 W
Ignition Supply Voltage (Min)	198 V
Re-Ignition Time (Min) (Max)	15 min
Warm Up Time to 60% Light (Nom)	120 s
Ignition Time (Max)	30 s
Voltage (Max)	98 V
Voltage (Min)	82 V

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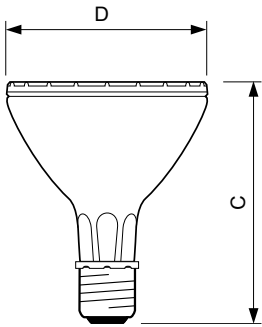
Voltage (Nom)	90 V
<b>Controls and Dimming</b>	
Dimmable	No
Run-Up Time 90% (Max)	3 min
<b>Mechanical and Housing</b>	
Bulb Finish	Clear
<b>Approval and Application</b>	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	6.5 mg
Energy Consumption kWh/1000 h	80 kWh
<b>Luminaire Design Requirements</b>	
Bulb Temperature (Max)	300 °C

Cap-Base Temperature (Max)	200 °C
<b>Product Data</b>	
Full product code	871829165167300
Order product name	MASTERColour CDM-R Elite 70W/942 E27 PAR30L 30D
EAN/UPC - Product	8718291651673
Order code	928053000630
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928053000630
Net Weight (Piece)	0.225 kg

## 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

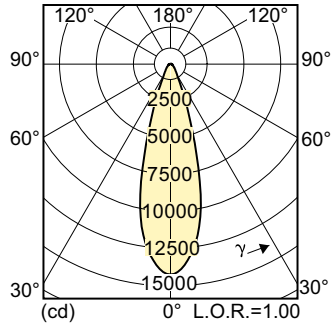
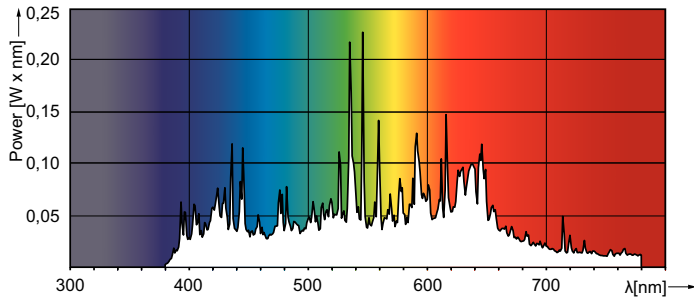


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Product	D (max)	C (max)
MASTERColour CDM-R Elite 70W/942 E27 PAR30L 30D	97 mm	123 mm

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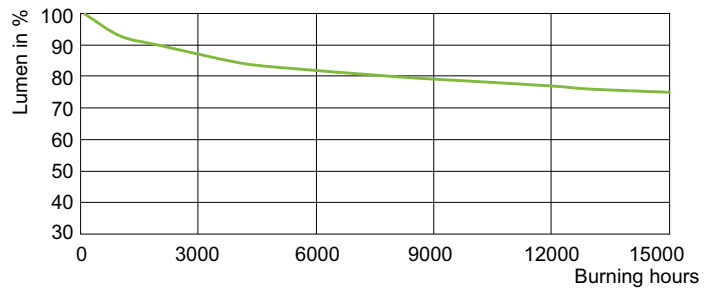
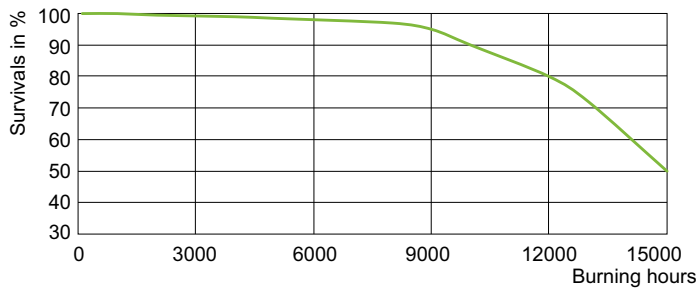
## Photometric data



CDM-R Elite 70W /942 E27 PAR30L

CDM-R Elite 70W /942 PAR30L 30D

## Lifetime



CDM-R Elite 70 W Life Expectancy /942 E27 PAR30L

CDM-R Elite 70 W Lumen Maintenance /942 E27 PAR30L

