



MASTERColour CDM-R Elite

MASTERColour CDM-R Elite 70W/942 E27 PAR30L 40D

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]	Beam Angle Technical (Max)	47 °
Operating Position	UNIVERSAL [Any or Universal (U)]	Beam Angle Technical (Min)	29 °
Life to 5% Failures (Nom)	9000 h	Luminous Flux (Nom)	4500 lm
Life To 10% Failures (Nom)	10000 h	Luminous Flux (Rated) (Nom)	5200 lm
Life to 20% Failures (Nom)	12000 h	Luminous Intensity (Min)	7350 cd
Life to 50% Failures (Nom)	15000 h	Luminous Intensity (Nom)	9800 cd
Switching Cycle	1350X	Beam Description	Flood
Flux measurement reference	Narrow Cone	Color Designation	Cool White (CW)
Light technical		Lumen Maintenance 12000 h (Nom)	77 %
Color Code	942 [CCT of 4200K]	Lumen Maintenance 2000 h (Nom)	90 %
Beam Angle (Nom)	40 °	Lumen Maintenance 4000 h (Nom)	84 %
Beam Angle Technical (Nom)	38 °	Design Mean Lumens	4200 lm
		Chromaticity Coordinate X (Nom)	0.371
		Chromaticity Coordinate Y (Nom)	0.366

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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 (Nom)	73.2 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
Voltage (Nom)	90 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)	6.5 mg
Energy Consumption kWh/1000 h	74 kWh
EPREL Registration Number	473306

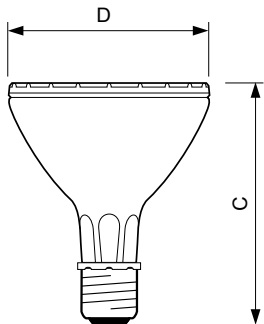
Luminaire design requirements

Bulb Temperature (Max)	300 °C
Cap-Base Temperature (Max)	200 °C

Product data

Full product code	871829165169700
Order product name	MASTERCcolour CDM-R Elite 70W/942 E27 PAR30L 40D
EAN/UPC - Product	8718291651697
Order code	928053100630
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928053100630
Net Weight (Piece)	0.225 kg

Dimensional drawing

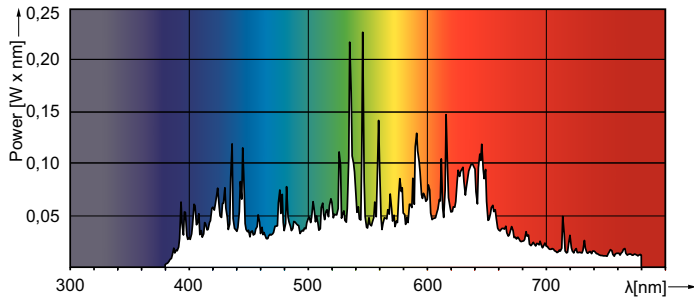


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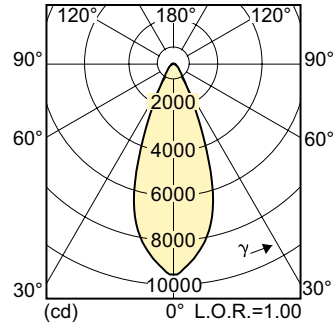
Product	D (max)	C (max)
MASTERCcolour CDM-R Elite 70W/942 E27 PAR30L 40D	97 mm	123 mm

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Photometric data



LDPO_CDM-R-E_0007-Spectral power distribution Colour



LDLD_CDM-R-E_0014-Light distribution diagram

Lifetime

