

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

Product data

• General Information

Cap-Base	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)	40 °
Beam Angle Technical (Nom)	38 °
Beam Angle Technical (Max)	47 °
Beam Angle Technical (Min)	29 °
Luminous Flux (Rated) (Nom)	5200 lm
Luminous Intensity (Min)	7350 cd
Luminous Intensity (Nom)	9800 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
Voltage (Nom)	90 V

• Controls and Dimming

Dimmable	No

PHILIPS

MASTERColour CDM-R Elite

Run-Up Time 90% (Max)	3 min

- Mechanical and Housing

Bulb Finish	Clear

- Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	6.5 mg
Energy Consumption kWh/1000 h	80 kWh

- Luminaire Design Requirements

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

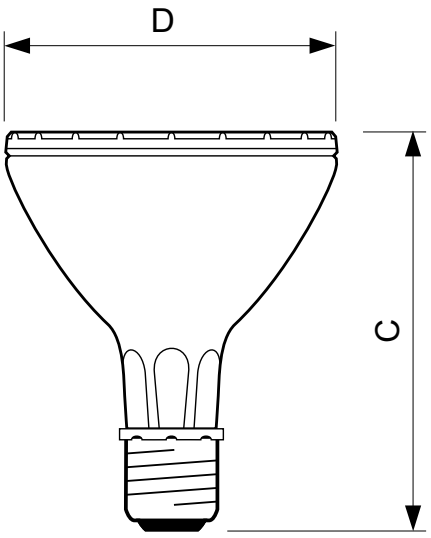
- Product Data

Full product code	871829165169700
Order product name	MASTERColour 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

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.

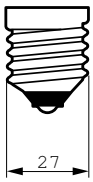
Dimensional drawing



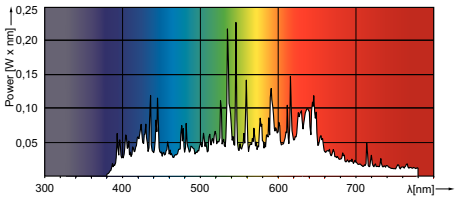
CDM-R Elite /930, /942 E27 PAR30L

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

Product	D	C
MASTERColour CDM-R Elite 70W/942 E27 PAR30L 40D	97 mm	123 mm



Photometric data



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