

PHILIPS

Lighting



MASTERColour CDM-R Elite

MASTERColour CDM-R Elite 70W/942 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		Color Designation	
Cap-Base	E27 [E27]	Color Designation	Cool White (CW)
Bulb Shape	PAR30L [PAR 3.75 inch/95mm Long]	Lumen Maintenance 12000 h (Nom)	77 %
Operating Position	UNIVERSAL [Any or Universal (U)]	Lumen Maintenance 2000 h (Nom)	90 %
Life To 5% Failures (Nom)	9000 h	Lumen Maintenance 4000 h (Nom)	84 %
Life To 10% Failures (Nom)	10000 h	Design Mean Lumens	4200 lm
Life To 20% Failures (Nom)	12000 h	Chromaticity Coordinate X (Nom)	0.372
Life To 50% Failures (Nom)	15000 h	Chromaticity Coordinate Y (Nom)	0.369
Switching Cycle	1350X	Correlated Color Temperature (Nom)	4200 K
Light Technical		Luminous Efficacy (rated) (Nom)	69 lm/W
Color Code	942 [CCT of 4200K]	Color Rendering Index (Min)	89
Beam Angle (Nom)	10 °	Color Rendering Index (Nom)	92
Beam Angle Technical (Nom)	11 °	LLMF At End Of Nominal Lifetime (Nom)	75 %
Beam Angle Technical (Max)	13 °	Luminous Flux In 90° Cone (Rated)	4500 lm
Beam Angle Technical (Min)	9 °	Operating and Electrical	
Luminous Flux (Rated) (Nom)	5050 lm	Power (Rated) (Nom)	73.0 W
Luminous Intensity (Min)	36000 cd	Ignition Supply Voltage (Min)	198 V
Luminous Intensity (Nom)	48000 cd	Re-Ignition Time (Min) (Max)	15 min
Beam Description	Spot	Warm Up Time To 60% Light (Nom)	120 s
		Ignition Time (Max)	30 s

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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
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Approval and Application

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

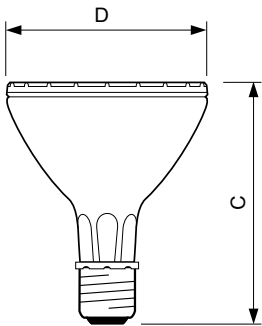
Luminaire Design Requirements

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

Product Data

Full product code	871829165165900
Order product name	MASTERColour CDM-R Elite 70W/942 E27 PAR30L 10D
EAN/UPC - Product	8718291651659
Order code	928052900630
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928052900630
Net Weight (Piece)	0.225 kg

Dimensional drawing



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