

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 colour rendering

Product data

General Information	
Cap base	E27 [E27]
Bulb shape	PAR30L [PAR 3.75 inch/95mm Long]
Operating position	UNIVERSAL [Any/Universal]
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	
Beam Angle (Nom)	10 °
Beam angle technical	11 °
Beam angle technical	13 °
Beam angle technical	9 °
Luminous flux (rated) (nom.)	5050 lm
Luminous intensity (min.)	36000 cd
Luminous intensity (nom.)	48000 cd
Beam description	Spot
Colour designation	Cool White (CW)

Lumen maintenance 12,000 hours (nom.)	77 %
Lumen maintenance 2,000 hours (nom.)	90 %
Lumen maintenance 4,000 hours (nom.)	84 %
Design mean lumens	4200 lm
Chromaticity coordinate X (nom.)	0.372
Chromaticity coordinate Y (nom.)	0.369
Correlated colour temperature (nom.)	4200 K
Luminous efficacy (rated) (nom.)	69 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)	73.0 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

MASTERColour CDM-R Elite

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 (CL)

Approval and Application

Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	6.5 mg
Energy Consumption kWh/1000 h	80 kWh

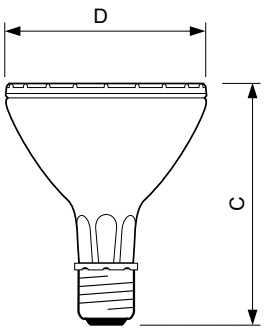
Luminaire Design Requirements

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	65165900
Local Code	70CDMRELP394210
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	928052900630
Net weight (piece)	0.225 kg

Dimensional drawing



CDM-R Elite 70W/942 E27 PAR30L 10D

Product	D	C

© 2016 Philips Lighting Holding B.V. All rights reserved. Philips Lighting reserves the right to make changes in specifications and/or to discontinue any product at any timewithout notice or obligation and will not be liable for any consequences resulting from the use of this publication.