



MASTERColour CDM-R

MASTERColour CDM-R 70W/942 E27 PAR30L 30D 1CT

Range of compact, high-efficiency, discharge reflector lamps with a stable colour over lifetime and a crisp, sparkling light

Product data

• General Characteristics

Cap-Base	ES [ES]
Bulb	PAR30L [PAR 3.75 inch/95mm Long]
Bulb Finish	Clear
Burning Position	any [Any/Universal]
Life to 5% failures EL	5000 hr
Life to 20% failures EL	8000 hr
Life to 50% failures EL	12000 hr

• Light Technical Characteristics

Beam Description	Flood [Flood]
Beam Angle	30 D
Technical Beam Angle	21.8 (min), 29 (nom), 36.3 (max) D
Luminous Intensity	13000 cd
Colour Code	942 [CCT of 4200K]
Colour Rendering Index	93 Ra8
Colour Designation	Cool White
Colour Temperature	4200 K
Colour Temperature Technical	4195 K
Lamp Luminous Flux EL	4300 Lm
LLMF - end nominal lifetime	61 %
Chromaticity Coordinate X	0.371 -
Chromaticity Coordinate Y	0.366 -
Luminous flux in 90° cone	4000 Lm

• Electrical Characteristics

System Power EL	83 W
Lamp Wattage	70 W
Lamp Wattage EL	70 W
Lamp Wattage EL 25°C, Rated	73.0 W
Lamp Voltage	88 V
Lamp Current EL	0.83 A
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Re-ignition Time [min]	15 (max) min
Dimmable	no
Warm-up Time to 60% Light Outp	120 s

• Environmental Characteristics

Energy Efficiency	A
Label (EEL)	
Mercury (Hg) Content	6.6 mg
Energy consumption kWh/1000h	80 kWh

• Measuring Conditions

Switching cycle	1050X
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• Luminaire Design Requirements

Cap-Base Temperature	200 (max) C
Bulb Temperature	300 (max) C

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• Product Dimensions

Overall Length C	120 (nom), 123 (max) mm
Diameter D	95 (nom), 97 (max) mm

• Product Data

Order code	207296 10
Full product code	871150020729610
Full product name	MASTERColour CDM-R 70W/942 E27 PAR30L 30D 1CT
Order product name	MASTERC CDM-R 70W/942 E27 PAR30L 30D 1CT

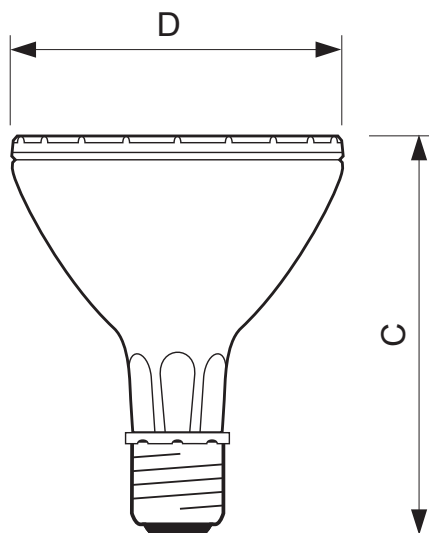
Pieces per pack	1
Packing configuration	6
Packs per outerbox	6
Bar code on pack - EAN1	8711500207296
Bar code on outerbox - EAN3	8711500207302
Logistic code(s) - 12NC	928089700630
ILCOS code	MRS/UB-70/942-H-E27-95/125/30
Net weight per piece	0.215 kg

Warnings and Safety

- Control gear must include end-of-life protection (IEC61167, IEC 62035)

- Use only with electronic control gear. Colour 830 lamps may also use electromagnetic gear.

Dimensional drawing

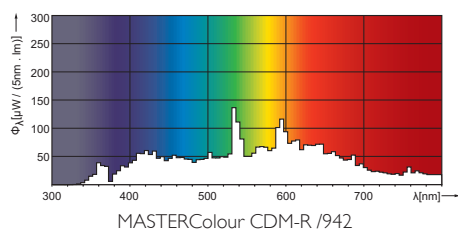


E27

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Product	C (Norm)	C (Max)	D (Norm)	D (Max)
CDM-R 70W/942 E27 PAR30L 30D	120	123	95	97

Photometric data





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data subject to change