

PHILIPS

Lighting



MASTERColour CDM-R

MASTERColour CDM-R 35W/830 E27 PAR30L 30D 1CT

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

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.

Product data

General information		Operating and electrical	
Cap base	E27 [E27]	Colour Designation	Warm white (WW)
Burning Position	UNIVERSAL [Any/Universal]	Chromaticity coordinate X (nom.)	0.431
Life to 5% failures (nom.)	5000 h	Chromaticity coordinate Y (nom.)	0.400
Life to 20% failures (nom.)	8000 h	Colour Temperature, horizontal (Nom)	3000 K
Life to 50% failures (nom.)	8000 h	Colour Rendering Index,horiz (Nom)	81
Switching cycle	1,000X	LLMF at end of nominal lifetime (nom.)	48 %
		Luminous flux in 90° cone (rated)	2000 lm
Light technical			
Colour Code	830 [CCT of 3,000 K]	Power (Rated) (Nom)	39.1 W
Technical Beam Angle (Nom)	30 °	Lamp current (EM) (nom.)	0.53 A
Beam angle technical	29 °	Ignition supply voltage (max.)	198 V
Beam angle technical	36.3 °	Ignition peak voltage (max.)	5000 V
Beam angle technical	21.8 °	Ignition supply voltage (min.)	198 V
Lamp Luminous Flux (Nom)	2200 lm	Re-ignition time (min.) (max.)	15 min
Luminous intensity (nom.)	7400 cd	Warm-up time to 60% light (nom.)	120 s
Beam description	Flood [Flood]	Ignition time (max.)	30 s

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Voltage (Max)	94 V
Voltage (Min)	78 V
Voltage (Nom)	86 V

Controls and dimming

Dimmable	No
Run-up time 90% (max.)	3 min

Mechanical and housing

Lamp Finish	Clear
Bulb shape	PAR30L [PAR 3.75 inch/95mm Long]

Approval and application

Mercury (Hg) content (nom.)	2.8 mg
Energy consumption kWh/1,000 hours	42 kWh

Luminaire design requirements

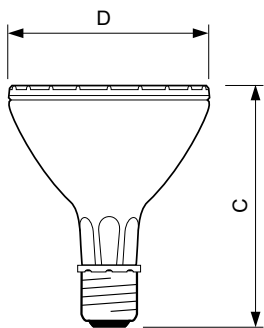
Bulb temperature (max.)	300 °C
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Cap-base temperature (max.)	200 °C
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Product data

Full product code	871150021170500
Order product name	MASTERCcolour CDM-R 35W/830 E27 PAR30L 30D 1CT
EAN/UPC – product	8711500211705
Order code	928071000691
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	928071000691
Copy Net Weight (Piece)	0.216 kg
ILCOS code	MRS/UB-35/830-H-E27-95/125/30

Dimensional drawing



MASTERColour CDM-R 35W/830 E27 PAR30L 30D 1CT

Product	D (max)	D	C (max)	C
MASTERColour CDM-R 35W/830 E27 PAR30L 30D 1CT	97 mm	95 mm	123 mm	120 mm

Photometric data

[170° / 120° / 45°]



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Lifetime

