



MASTERColour CDM-R

MASTERColour CDM-R 70W/830 E27 PAR30L 10D 1CT

Range of compact, high-efficiency, discharge reflector lamps with a stable color 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. Color 830 lamps may also use electromagnetic gear.
- 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.

Product data

General Information			
Cap-Base	E27 [E27]	Luminous Flux (Rated) (Nom)	4600 lm
Operating Position	UNIVERSAL [Any or Universal (U)]	Luminous Intensity (Nom)	68000 cd
Life to 5% Failures (Nom)	5500 h	Beam Description	Spot
Life to 20% Failures (Nom)	8000 h	Color Designation	Warm White (WW)
Life to 50% Failures (Nom)	12000 h	Chromaticity Coordinate X (Nom)	0.427
Switching Cycle	1050X	Chromaticity Coordinate Y (Nom)	0.397
		Correlated Color Temperature (Nom)	3000 K
		Color Rendering Index (Nom)	81
		LLMF At End Of Nominal Lifetime (Nom)	62 %
		Luminous Flux in 90° Cone (Rated)	4250 lm
Light Technical		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Power (Nom)	73 W
Beam Angle (Nom)	10 °	Lamp Current (EM) (Nom)	0.97 A
Beam Angle Technical (Nom)	9 °		
Beam Angle Technical (Max)	11.3 °		
Beam Angle Technical (Min)	6.8 °		

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Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	5000 V
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)	100 V
Voltage (Min)	82 V
Voltage (Nom)	90 V

Controls and Dimming

Dimmable	No
Run-Up Time 90% (Max)	3 min

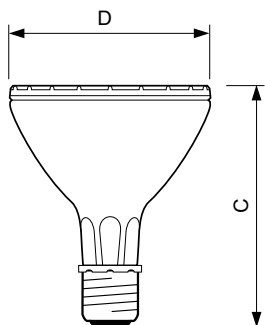
Mechanical and Housing

Bulb Finish	Clear
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Approval and Application

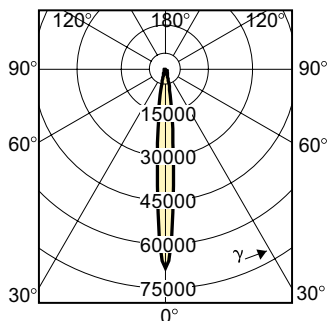
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	8.3 mg

Dimensional drawing



CDM-R 70W/830 E27 PAR30L 10D

Photometric data



Energy Consumption kWh/1000 h	80 kWh
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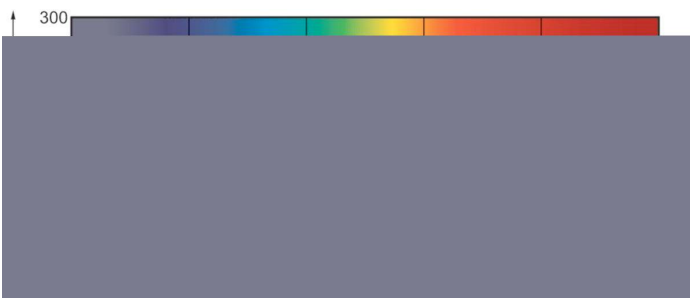
Luminaire Design Requirements

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

Product Data

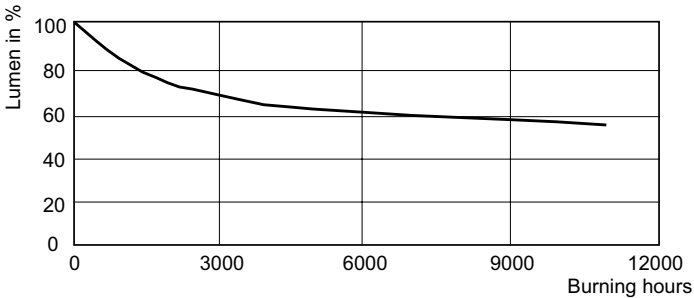
Full product code	871829172255700
Order product name	MASTERColour CDM-R 70W/830 E27 PAR30L 10D 1CT
EAN/UPC - Product	8718291722557
Order code	928071100694
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928071100694
Net Weight (Piece)	225.000 g
ILCOS Code	MRS/UB-70/830-H-E27-95/125/10

Product	D (max)	D	C (max)	C
MASTERColour CDM-R 70W/830 E27	97 mm	95 mm	123 mm	120 mm
PAR30L 10D 1CT				



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Lifetime



LDLM_CDM-R-70W_830_PAR30L-Lumen maintenance diagram

