

**PHILIPS**

Lighting



# MASTERColour CDM-R

## MASTERColour CDM-R 70W/830 E27 PAR30L 30D 1CT

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

### Product data

General Information		Color Rendering Index (Nom)	
Cap-Base	E27 [ E27]		81
Operating Position	UNIVERSAL [ Any or Universal (U)]	LLMF At End Of Nominal Lifetime (Nom)	62 %
Life to 5% Failures (Nom)	5500 h	Luminous Flux in 90° Cone (Rated)	4250 lm
Life to 20% Failures (Nom)	8000 h	<b>Operating and Electrical</b>	
Life to 50% Failures (Nom)	12000 h	Power (Rated) (Nom)	73 W
Switching Cycle	1050X	Lamp Current (EM) (Nom)	.93 A
<b>Light Technical</b>		Ignition Supply Voltage (Max)	198 V
Color Code	830 [ CCT of 3000K]	Ignition Peak Voltage (Max)	5000 V
Beam Angle (Nom)	30 °	Ignition Supply Voltage (Min)	198 V
Beam Angle Technical (Nom)	29 °	Re-Ignition Time (Min) (Max)	15 min
Beam Angle Technical (Max)	36.3 °	Warm Up Time to 60% Light (Nom)	120 s
Beam Angle Technical (Min)	21.8 °	Ignition Time (Max)	30 s
Luminous Flux (Rated) (Nom)	4600 lm	Voltage (Max)	97 V
Luminous Intensity (Nom)	13500 cd	Voltage (Min)	79 V
Beam Description	Flood	Voltage (Nom)	87 V
Color Designation	Warm White (WW)	<b>Controls and Dimming</b>	
Chromaticity Coordinate X (Nom)	0.440	Dimmable	No
Chromaticity Coordinate Y (Nom)	0.401	Run-Up Time 90% (Max)	3 min
Correlated Color Temperature (Nom)	3000 K		

# MASTERColour CDM-R

## Mechanical and Housing

Bulb Finish	Clear
-------------	-------

## Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	8.3 mg
Energy Consumption kWh/1000 h	80 kWh

## Luminaire Design Requirements

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

## Product Data

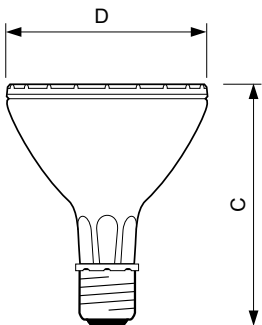
Full product code	871150021182800
-------------------	-----------------

Order product name	MASTERColour CDM-R 70W/830 E27 PAR30L 30D 1CT
EAN/UPC - Product	8711500211828
Order code	928089900691
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928089900691
Net Weight (Piece)	0.225 kg
ILCOS Code	MRS/UB-70/830-H-E27-95/125/30

## 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.

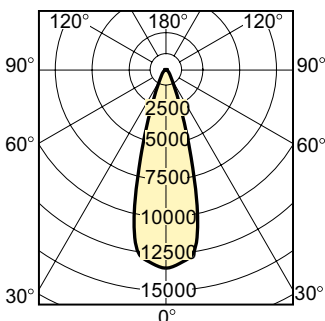
## Dimensional drawing



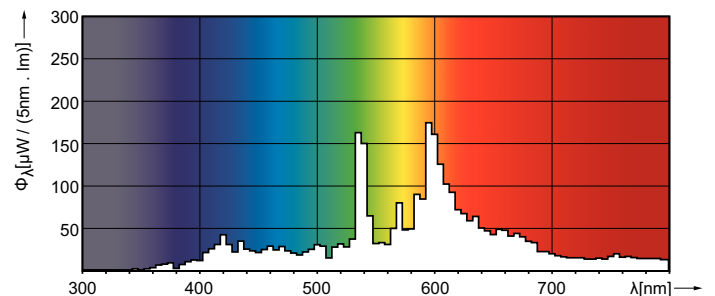
CDM-R 70W/830 E27 PAR30L 30D

Product	D (max)	D	C (max)	C
MASTERColour CDM-R 70W/830 E27 PAR30L 30D 1CT	97 mm	95 mm	123 mm	120 mm

## Photometric data



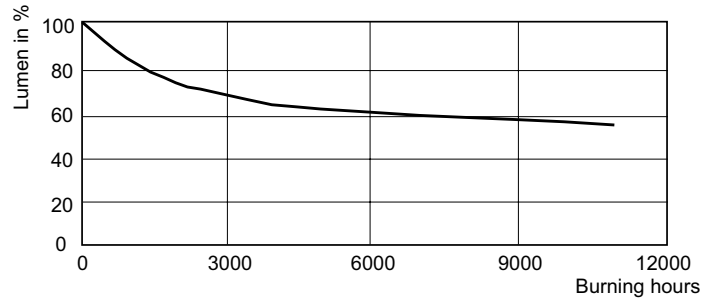
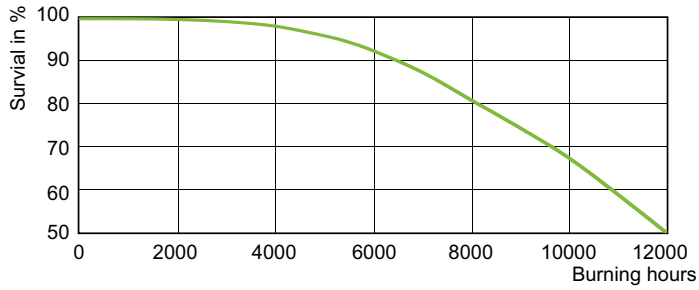
CDM-R 70W /830 PAR30L 30D



MASTERColour CDM-R /830

# MASTERColour CDM-R

## Lifetime



CDM-R 70W Life Expectancy /830 PAR30L

CDM-R 70W Lumen Maintenance /830 PAR30L

