



# MASTERColour CDM-R

## MASTERColour CDM-R 70W/830 E27 PAR30L 40D 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.)	9500 cd
Life to 5% failures (nom.)	5500 h	Beam description	Flood [ Flood]
Life to 20% failures (nom.)	8000 h	Colour designation	Warm White (WW)
Life to 50% failures (nom.)	12000 h	Chromaticity coordinate X (nom.)	0.427
Switching cycle	1,050X	Chromaticity coordinate Y (nom.)	0.397
Light technical		Correlated Colour Temperature (Nom)	3000 K
Colour Code	830 [ CCT of 3,000 K]	Colour rendering index (nom.)	81
Beam Angle (Nom)	40 °	LLMF at end of nominal lifetime (nom.)	62 %
Beam angle technical	37.5 °	Luminous flux in 90° cone (rated)	4100 lm
Beam angle technical	46.9 °	Operating and electrical	
Beam angle technical	28.1 °	Power (Rated) (Nom)	73.2 W
		Lamp current (EM) (nom.)	0.97 A

# MASTERColour CDM-R

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

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

## Approval and application

Mercury (Hg) content (nom.)	8.3 mg
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Energy consumption kWh/1,000 hours	80 kWh
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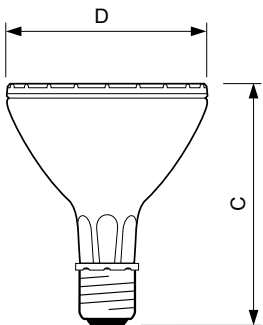
## Luminaire design requirements

Bulb temperature (max.)	300 °C
Cap-base temperature (max.)	200 °C
Cap-base temperature (max.)	392 °F

## Product data

Full product code	871150021174300
Order product name	MASTERColour CDM-R 70W/830 E27 PAR30L 40D 1CT
EAN/UPC – product	8711500211743
Order code	21174300
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	928071200691
Net Weight (Piece)	0.225 kg
ILCOS code	MRS/UB-70/830-H-E27-95/125/40

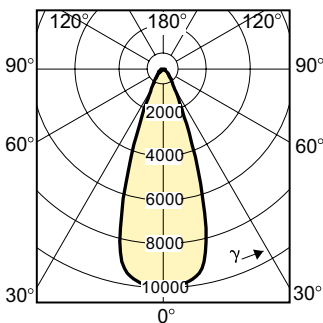
## Dimensional drawing



MASTERColour CDM-R 70W/830 E27 PAR30L 40D 1CT

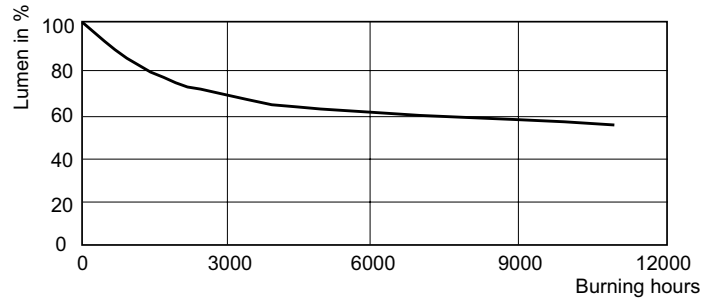
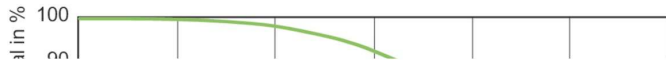
Product	D (max) D	C (max) C
MASTERColour CDM-R 70W/830 E27 PAR30L 40D 1CT	97 mm 95 mm	123 mm 120 mm

## Photometric data



# MASTERCcolour CDM-R

## Lifetime



LDLM\_CDM-R\_70W\_830\_PAR30L-Lumen maintenance diagram

