



# MASTERColour CDM-R

## MASTERColour CDM-R 35W/830 E27 PAR20 30D 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.)	1900 lm
Operating position	UNIVERSAL [ Any or Universal (U)]	Luminous intensity (nom.)	5300 cd
Life to 5% failures (nom.)	5000 h	Beam description	Flood [ Flood]
Life to 20% failures (nom.)	8000 h	Colour designation	Warm White (WW)
Life to 50% failures (nom.)	8000 h	Chromaticity coordinate X (nom.)	0.433
Switching cycle	800X	Chromaticity coordinate Y (nom.)	0.402
		Correlated Colour Temperature (Nom)	3000 K
		Colour rendering index (nom.)	81
		LLMF at end of nominal lifetime (nom.)	52 %
		Luminous flux in 90° cone (rated)	1650 lm
Light technical		Operating and electrical	
Colour Code	830 [ CCT of 3,000 K]	Power (Rated) (Nom)	39.1 W
Beam Angle (Nom)	30 °	Lamp current (EM) (nom.)	0.53 A
Beam angle technical	30 °		
Beam angle technical	37.5 °		
Beam angle technical	22.5 °		

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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)	96 V
Voltage (Min)	80 V
Voltage (Nom)	88 V

## Controls and dimming

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

## Mechanical and housing

Lamp Finish	Clear
Bulb shape	PAR20 [ PAR 2.5 inch]

## Approval and application

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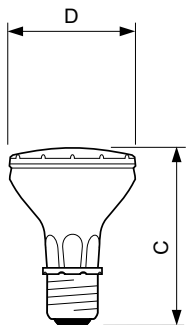
## Luminaire design requirements

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

## Product data

Full product code	871150021184200
Order product name	MASTERColour CDM-R 35W/830 E27 PAR20 30D 1CT
EAN/UPC – product	8711500211842
Order code	21184200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	928084000691
Copy Net Weight (Piece)	0.111 kg
ILCOS code	MRS/UB-35/830-H-E27-63.5/96/30

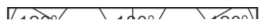
## Dimensional drawing



MASTERColour CDM-R 35W/830 E27 PAR20 30D 1CT

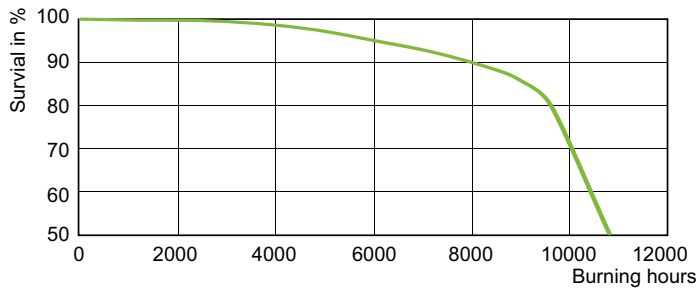
Product	D (max)	D	C (max)	C
MASTERColour CDM-R 35W/830 E27	65 mm	64 mm	95 mm	92 mm
PAR20 30D 1CT				

## Photometric data



# MASTERCcolour CDM-R

## Lifetime



LDLE\_CDM-R\_35W\_830\_PAR20-Life expectancy diagram

