



MASTERColour CDM-R

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

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

Product data

• General Characteristics

Cap-Base	ES [ES]
Bulb	PAR20 [PAR 2.5 inch]
Bulb Finish	Clear
Burning Position	any [Any/Universal]
Life to 5% failures EM	5000 hr
Life to 5% failures EL	5000 hr
Life to 20% failures EM	7000 hr
Life to 20% failures EL	8000 hr
Life to 50% failures EM	8000 hr
Life to 50% failures EL	9000 hr

• Light Technical Characteristics

Beam Description	Flood [Flood]
Beam Angle	30 D
Technical Beam Angle	22.5 (min), 30 (nom), 37.5 (max) D
Luminous Intensity	5300 cd
Colour Code	830 [CCT of 3000K]
Colour Rendering Index	81 Ra8
Colour Designation	Warm white
Colour Temperature	3000 K
Colour Temperature Technical	3050 K
Lamp Luminous Flux EM	1900 Lm
LLMF - end nominal lifetime	52 %
Chromaticity Coordinate X	0.433 -

Chromaticity Coordinate Y	0.402 -
Luminous flux in 90° cone	1650 Lm

• Electrical Characteristics

System Power EM	47 W
System Power EL	44 W
Lamp Wattage	35 W
Lamp Wattage EM	35 W
Lamp Wattage EL	38.0 W
25°C, Rated	
Lamp Voltage	88 V
Lamp Current EM	0.53 A
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Re-ignition Time [min]	15 (max) min
Dimmable	no
Warm-up Time to 60% Light Outp	120 s

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	2.8 mg
Energy consumption kWh/1000h	42 kWh

• Measuring Conditions

Switching cycle	800X
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• Luminaire Design Requirements

Cap-Base Temperature	200 (max) C
Bulb Temperature	300 (max) C

• Product Dimensions

Overall Length C	92 (nom), 95 (max) mm
Diameter D	64 (nom), 65 (max) mm

• Product Data

Order code	198105 15
Full product code	871150019810515
Full product name	CDM-R 35W/830 E27 PAR20 30D 1CT

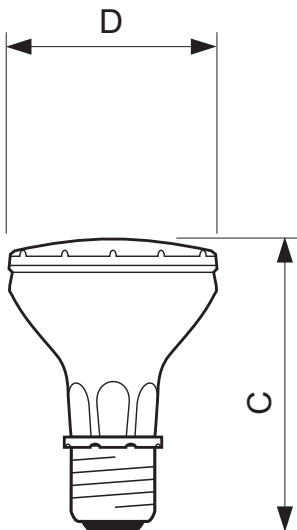
Order product name	CDM-R 35W/830 E27 PAR20 30D 1CT/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500198105
Bar code on outerbox - EAN3	8711500198112
Logistic code(s) - 12NC	928084000630
ILCOS code	MRS/UB-35/830-H-E27-63.5/96/30
Net weight per piece	0.111 kg

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.

Dimensional drawing

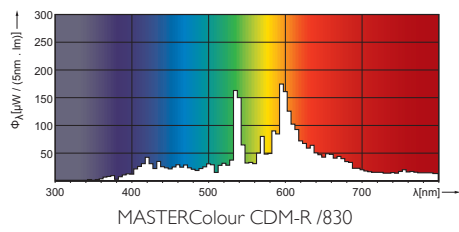


E27

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Product	C (Norm)	C (Max)	D (Norm)	D (Max)
CDM-R 35W/830 E27 PAR20 30D	92	95	64	65

Photometric data



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data subject to change