



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

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.

Product data

General Information	
Cap base	E27 [E27]
Burning Position	UNIVERSAL [Any/Universal]
Life to 5% failures (nom.)	5000 h
Life to 20% failures (nom.)	8000 h
Life to 50% failures (nom.)	8000 h
Switching cycle	800X

Light Technical	
Colour Code	830 [CCT of 3,000 K]
Technical Beam Angle (Nom)	30 °
Beam angle technical	30 °
Beam angle technical	37.5 °
Beam angle technical	22.5 °
Lamp Luminous Flux (Nom)	1900 lm
Luminous intensity (nom.)	5300 cd
Beam description	Flood [Flood]

Colour Designation	Warm white (WW)
Chromaticity coordinate X (nom.)	0.433
Chromaticity coordinate Y (nom.)	0.402
Colour Temperature, horizontal (Nom)	3000 K
Colour Rendering Index,horiz (Nom)	81
LLMF at end of nominal lifetime (nom.)	52 %
Luminous flux in 90° cone (rated)	1650 lm

Operating and Electrical	
Power (Rated) (Nom)	39.1 W
Lamp current (EM) (nom.)	0.53 A
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

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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
Energy consumption kWh/1,000 hours	42 kWh

Luminaire Design Requirements

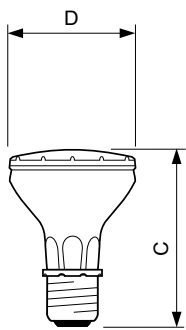
Bulb temperature (max.)	300 °C
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Cap-base temperature (max.)	200 °C
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Product Data

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

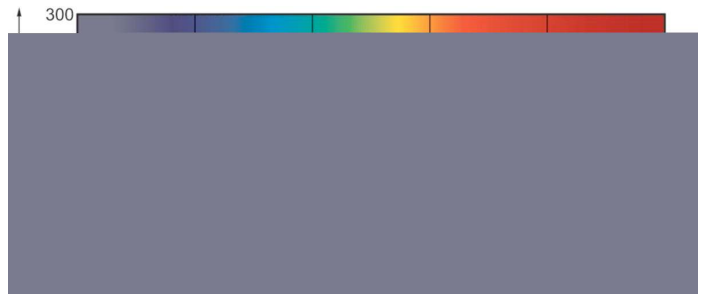
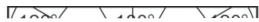
Dimensional drawing



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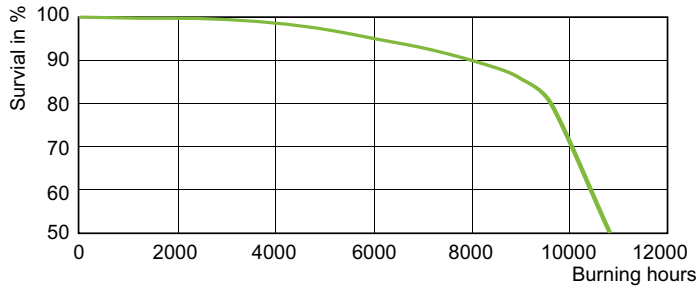
Product	D (max) D	C (max) C
MASTERColour CDM-R 35W/830 E27 PAR20 30D 1CT	65 mm 64 mm	95 mm 92 mm

Photometric data



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Lifetime



LDLE_CDM-R_35W_830_PAR20-Life expectancy diagram

