



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
Life to 20% Failures (Nom)	8000 h	Color 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 Color Temperature (Nom)	3000 K
		Color 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	
Color Code	830 [CCT of 3000K]	Power (Nom)	39.1 W
Beam Angle (Nom)	30 °	Lamp Current (EM) (Nom)	0.53 A
Beam Angle Technical (Nom)	30 °		
Beam Angle Technical (Max)	37.5 °		
Beam Angle Technical (Min)	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

Bulb 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/1000 h	42 kWh
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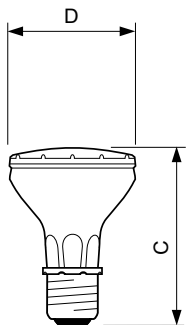
Luminaire design requirements

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	928084000691
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928084000691
ILCOS Code	MRS/UB-35/830-H-E27-63.5/96/30

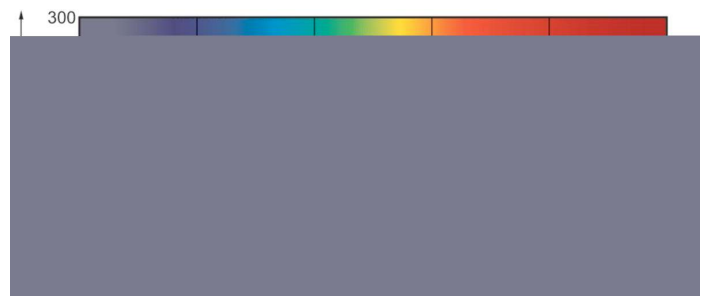
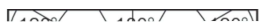
Dimensional drawing



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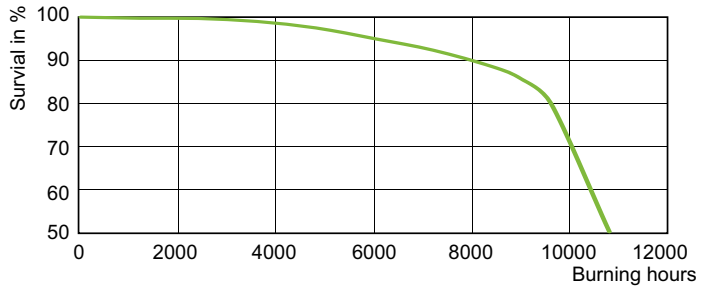
Product	D (max)	D	C (max)	C
MASTERColour CDM-R 35W/830 E27	65 mm	64 mm	95 mm	92 mm
PAR20 30D 1CT				

Photometric data



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Lifetime



LDLE_CDM-R_35W_830_PAR20-Life expectancy diagram

