

PHILIPS

Lighting



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

Product data

General Information	
Cap-Base	E27 [E27]
Operating Position	UNIVERSAL [Any or Universal (U)]
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	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	30 °
Beam Angle Technical (Nom)	30 °
Beam Angle Technical (Max)	37.5 °
Beam Angle Technical (Min)	22.5 °
Luminous Flux (Rated) (Nom)	1900 lm
Luminous Intensity (Nom)	5300 cd
Beam Description	Flood
Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.433
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
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Operating and Electrical	
Power (Rated) (Nom)	35.0 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
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

Approval and Application	
Energy Efficiency Label (EEL)	A

MASTERColour CDM-R

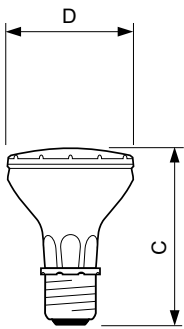
Mercury (Hg) Content (Nom)	2.8 mg
Energy Consumption kWh/1000 h	42 kWh
Luminaire Design Requirements	
Bulb Temperature (Max)	300 °C
Cap-Base Temperature (Max)	200 °C
Product Data	
Full product code	871150021184200
Order product name	MASTERColour CDM-R 35W/830 E27 PAR20 30D 1CT

EAN/UPC - Product	8711500211842
Order code	928084000691
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928084000691
Net Weight (Piece)	0.111 kg
ILCOS Code	MRS/UB-35/830-H-E27-63.5/96/30

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.

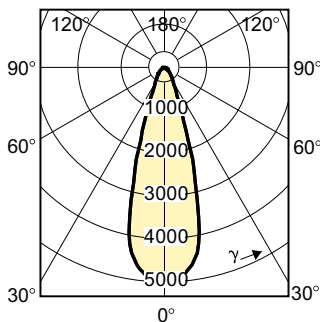
Dimensional drawing



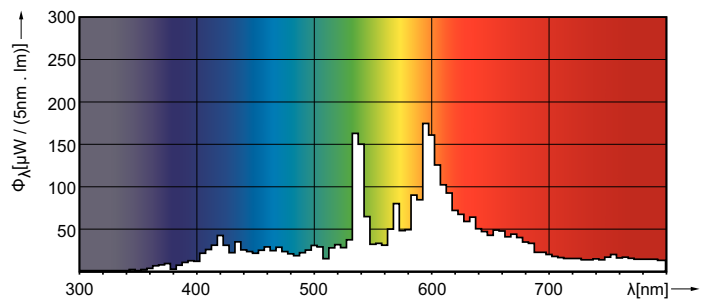
CDM-R 35W/830 E27 PAR20 30D

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



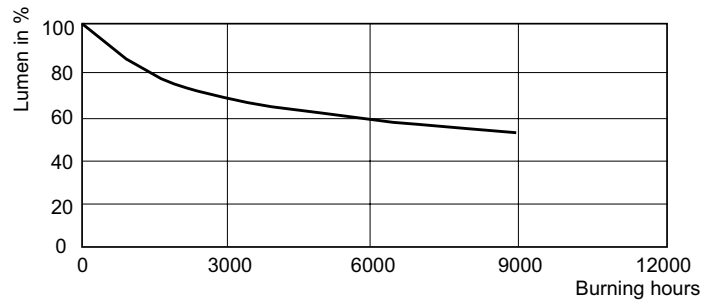
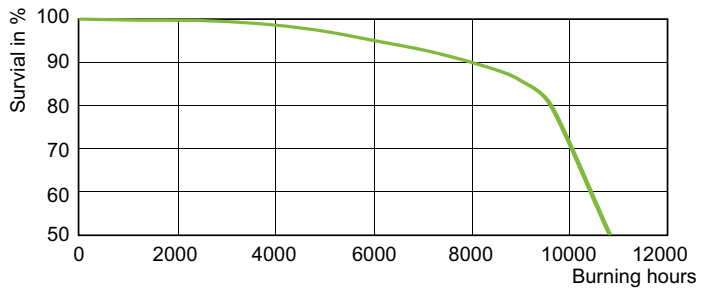
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Lifetime



CDM-R 35W Life Expectancy /830 PAR20

CDM-R 35W Lumen Maintenance /830 PAR20

