



Product Description

MASTERColour CDM-R

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

Benefits

- High lamp efficacy results in low operating costs and low heat generation
- Long lamp life compared with incandescent and halogen lamps
- Stable colour impression over lifetime
- Unique design increases flexibility in application and allows powerful accents from small, unobtrusive luminaires
- Simplified luminaire design because CDM-R lamps can be used in open luminaires
- Relatively low heat output enhances comfort for shoppers and staff
- Integrated UV-Block shield reduces fading risks

Features

- Warm or cool white colour impression with good colour rendering
- High beam intensities are achieved very easy and efficiently from these compact reflector lamps

Application

- Shops and shop windows, offices and public buildings
- Decorative outdoor: floodlighting and pedestrian areas

Warnings and Safety

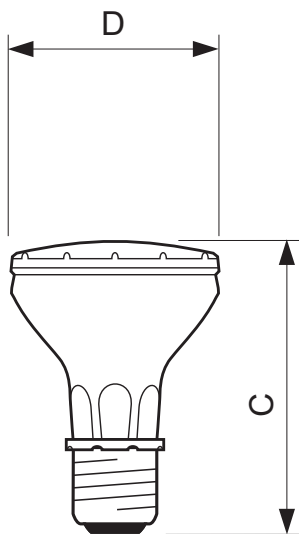
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. Colour 830 lamps may also use electromagnetic gear.

Related products



CDM-R 35W /830, /942 E27 PAR20 10D

Dimensional drawing



MASTERColour CDM-R 35W/830 E27 PAR20 10D 1CT

Product	C (Norm)	C (Max)	D (Norm)	D (Max)
CDM-R 35W/830 E27 PAR20 10D	92	95	64	65

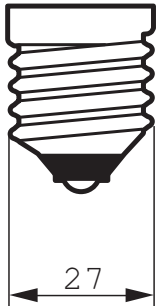
General Characteristics (1/2)

Order code	Full product name	Cap-Base	Bulb	Bulb Finish	Burning Position	Life to 5% failures	Life to 5% failures EM	Life to 5% failures EL	Life to 10% failures	Life to 20% failures	Life to 20% failures EM
211866 00	MASTERColour CDM-R 35W/830 E27 PAR20 10D 1CT	ES	PAR20	Clear	any	hr	5000 hr	5000 hr	hr	hr	7000 hr

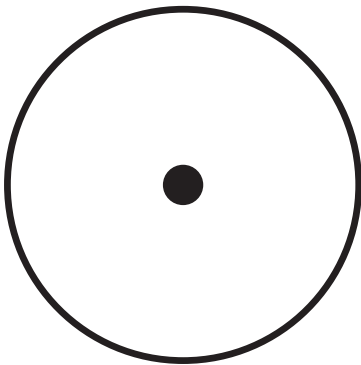
General Characteristics (2/2)

Order code	Full product name	Life to 20% failures EL	Life to 50% failures	Life to 50% failures EM	Life to 50% failures EL
211866 00	MASTERColour CDM-R 35W/830 E27 PAR20 10D 1CT	8000 hr	hr	8000 hr	9000 hr

Installation diagrams



E27



any

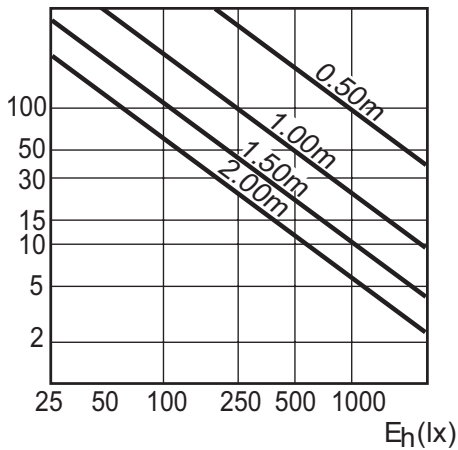
Light Technical Characteristics (1/2)

Order code	Full product name	Beam Description	Beam Angle	Luminous Intensity	Colour Code	Colour Rendering Index	Colour Designation	Colour Temperature	Lamp Luminous Flux EM	Lamp Luminous Flux EL	LLMF - end nominal lifetime
211866 00	MASTERColour CDM-R 35W/830 E27 PAR20 10D 1CT	Spot	10 D	21000 cd	830	81 Ra8	Warm white	3000 K	1900 Lm	Lm	52 %

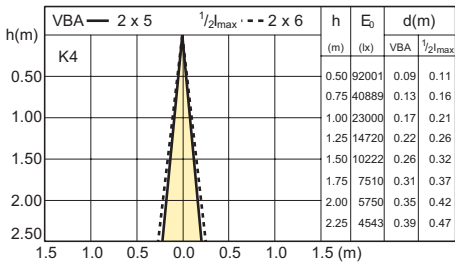
Light Technical Characteristics (2/2)

Order code	Full product name	Chromaticity Coordinate X	Chromaticity Coordinate Y
211866 00	MASTERColour CDM-R 35W/830 E27 PAR20 10D 1CT	0.433 -	0.402 -

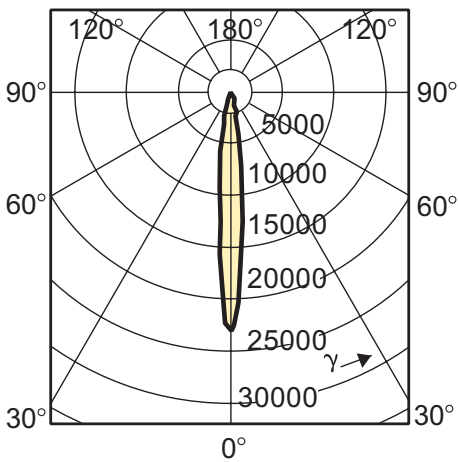
Light technical



CDM-R 35W /830 PAR20 10D



CDM-R 35W /830 PAR20 10D

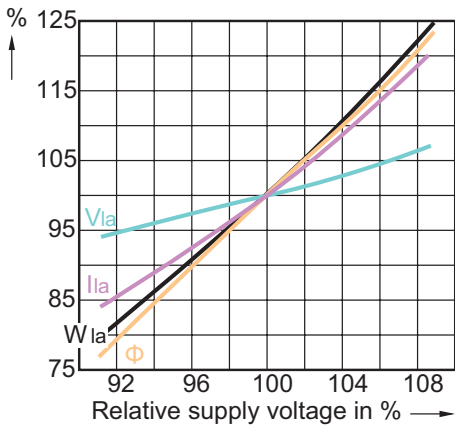


CDM-R 35W /830 PAR20 10D

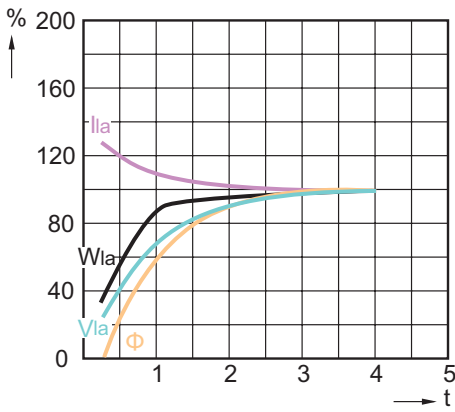
Electrical Characteristics

Order code	Full product name	Lamp Wattage	Lamp Wattage EM	Lamp Wattage EM 25°C, Rated	Lamp Wattage EL	Lamp Wattage EL 25°C, Rated	Lamp Voltage	Lamp Current EM	Lamp Current EL	Dimmable	Warm-up Time to 60% Light Output
211866 00	MASTERColour CDM-R 35W/830 E27 PAR20 10D 1CT	35 W	35 W	38.0 W	W	W	88 V	0.53 A	A	no	120 s

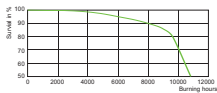
Performance diagrams



CDM-R /830



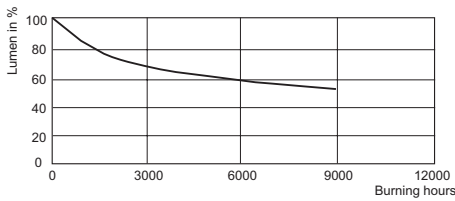
CDM-R /830, /942



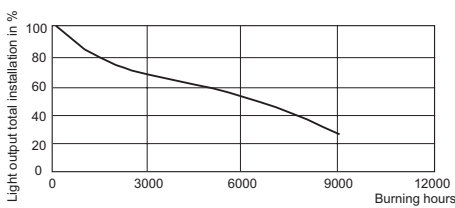
CDM-R 35W Life

Expectancy /830

PAR20



CDM-R 35W Lumen Maintenance /830 PAR20



CDM-R 35W Service Lifetime /830 PAR20

Environmental Characteristics

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content	Energy consumption kWh/1000h
211866 00	MASTERColour CDM-R 35W/830 E27 PAR20 10D 1CT	A	2.8 mg	42 kWh

Luminaire Design Requirements

Order code	Full product name	Cap-Base Temperature	Bulb Temperature
211866 00	MASTERColour CDM-R 35W/830 E27 PAR20 10D 1CT	200 (max) C	300 (max) C

Measuring Conditions

Order code	Full product name	Switching cycle
211866 00	MASTERColour CDM-R 35W/830 E27 PAR20 10D 1CT	800X



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data subject to change