



# 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
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- Long lamp life compared with incandescent and halogen lamps
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- Stable color impression over lifetime
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- 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

- Crisp white light
- Warm or cool white colour impression with good colour rendering
- Superior color quality
- High beam intensities are achieved very easy and efficiently from these compact reflector lamps
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### Application

- Shops and shop windows, offices and public buildings
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- Decorative outdoor: floodlighting and pedestrian areas
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# MASTERColour CDM-R

## Warnings and Safety

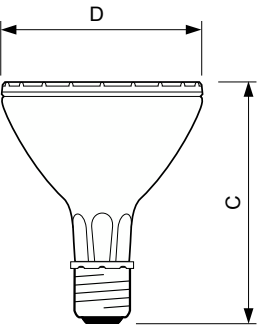
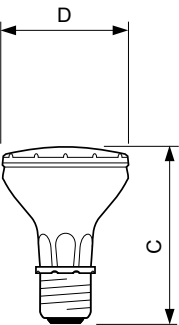
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- Use only with electronic control gear. Color 830 lamps may also use electromagnetic gear.
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- A lamp breaking is extremely 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.

## Versions



LPPR CDM-R 0001

## Dimensional drawing



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

Product	D (max)	D	C (max)	C
MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	97 mm	95 mm	123 mm	120 mm

MASTERColour CDM-R

General Information	
Cap-Base	E27
Operating Position	UNIVERSAL
Light Technical	
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	81
Operating and Electrical	
Warm-up time to 60% light	120 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

General Information

Order Code	Full Product Name	Switching Cycle
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	1,050
928084000691	MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT	800

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	LLMF At End Of
					Nominal Lifetime (Nom)
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	40 degree(s)	0.427	0.397	62 %

Order Code	Full Product Name	Beam Angle (Nom)	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	LLMF At End Of
					Nominal Lifetime (Nom)
928084000691	MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT	30 degree(s)	0.433	0.402	52 %

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Luminous
			Intensity (Nom)
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	4,500 lm	9,500 cd

Order Code	Full Product Name	Luminous Flux	Luminous
			Intensity (Nom)
928084000691	MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT	-	5,300 cd

Operating and Electrical

Order Code	Full Product Name	Voltage	Power
		(Nom)	Consumption
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	90 V	73.2 W

Order Code	Full Product Name	Voltage	Power
		(Nom)	Consumption
928084000691	MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT	88 V	39.1 W

Mechanical and Housing

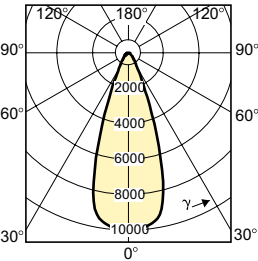
Order Code	Full Product Name	Bulb Shape
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	PAR30L

Order Code	Full Product Name	Bulb Shape
928084000691	MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT	PAR20

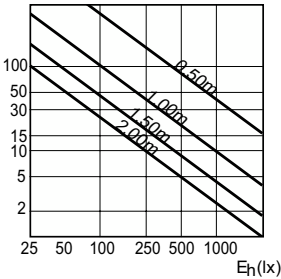
Approval and Application

MASTERColour CDM-R

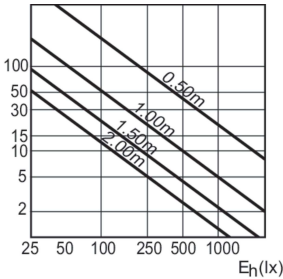
Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Nom)
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	80 kWh	8.3 mg
928084000691	MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT	42 kWh	2.8 mg



Accent Diagrams

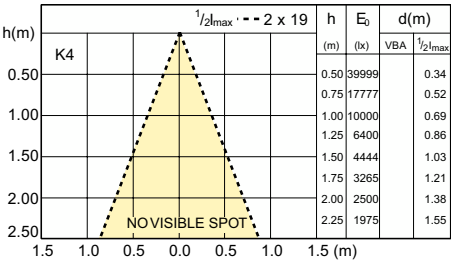


Accent Diagram - MASTER CDM-R 70W/830  
E27 PAR30L 40D 1CT

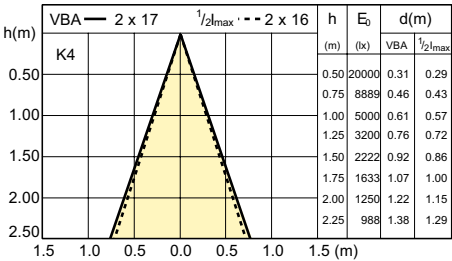


Accent Diagram - MASTER CDM-R 35W/830  
E27 PAR20 30D 1CT

Beam Diagrams



Beam diagram - MASTER CDM-R 70W/830  
E27 PAR30L 40D 1CT



Beam diagram - MASTER CDM-R 35W/830  
E27 PAR20 30D 1CT

