



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

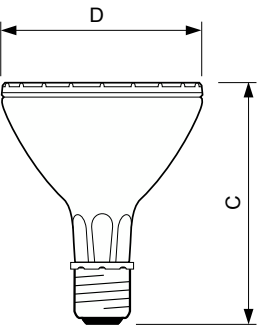
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- Use only with electronic control gear. Color 830 lamps may also use electromagnetic gear.
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- A lamp breaking is extremely 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 PAR30L 10D 1CT	97 mm	95 mm	123 mm	120 mm
MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	97 mm	95 mm	123 mm	120 mm
MASTERC CDM-R 70W/942 E26 PAR30L 40D 1CT	97 mm	95 mm	120 mm	118 mm

General Information	
Operating Position	UNIVERSAL
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	PAR30L

General Information

MASTERCoulour CDM-R

Order Code	Full Product Name	Switching	
		Cap-Base	Cycle
928070900694	MASTERC CDM-R 35W/830 E27 PAR30L 10D 1CT	E27	1,000
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	E27	1,050

Order Code	Full Product Name	Switching	
		Cap-Base	Cycle
928087500610	MASTERC CDM-R 70W/942 E26 PAR30L 40D 1CT	E26	-

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color	LLMF At End Of
			Coordinate X (Nom)	Coordinate Y (Nom)			rendering index (CRI)	Nominal Lifetime (Nom)
928070900694	MASTERC CDM-R 35W/830 E27 PAR30L 10D 1CT	10 degree(s)	0.431	0.400	Warm White (WW)	3000 K	81	48 %
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	40 degree(s)	0.427	0.397	Warm White (WW)	3000 K	81	62 %
928087500610	MASTERC CDM-R 70W/942 E26 PAR30L 40D 1CT	40 degree(s)	0.371	0.366	Cool White (CW)	4200 K	93	-

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Luminous
			Intensity (Nom)
928070900694	MASTERC CDM-R 35W/830 E27 PAR30L 10D 1CT	2,150 lm	44,000 cd
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)
928087500610	MASTERC CDM-R 70W/942 E26 PAR30L 40D 1CT	-	9,000 cd

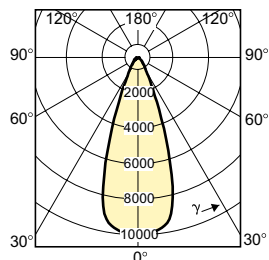
Operating and Electrical

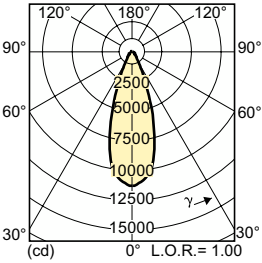
Order Code	Full Product Name	Warm-up		Power Consumption
		time to 60% light	Voltage (Nom)	
928070900694	MASTERC CDM-R 35W/830 E27 PAR30L 10D 1CT	120 s	86 V	39.1 W
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	120 s	90 V	73.2 W

Order Code	Full Product Name	Warm-up		Power Consumption
		time to 60% light	Voltage (Nom)	
928087500610	MASTERC CDM-R 70W/942 E26 PAR30L 40D 1CT	-	88 V	73.2 W

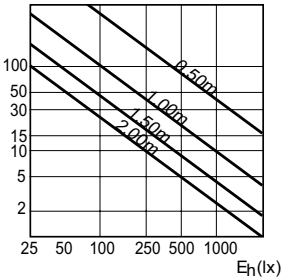
Approval and Application

Order Code	Full Product Name	Energy	
		Consumption kWh/ 1000 h	Mercury (Hg) Content (Nom)
928070900694	MASTERC CDM-R 35W/830 E27 PAR30L 10D 1CT	42 kWh	2.8 mg
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	80 kWh	8.3 mg
928087500610	MASTERC CDM-R 70W/942 E26 PAR30L 40D 1CT	-	6.6 mg

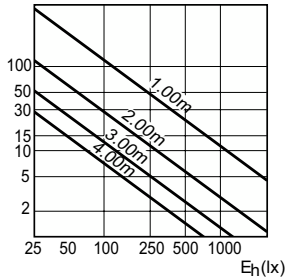




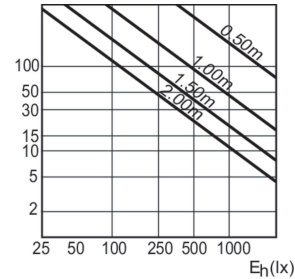
Accent Diagrams



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

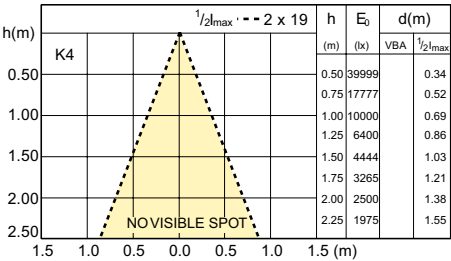


Accent Diagram - MASTER CDM-R 70W/942
E26 PAR30L 40D 1CT

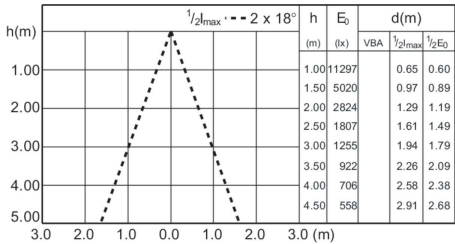


Accent Diagram - MASTER CDM-R 35W/830
E27 PAR30L 10D 1CT

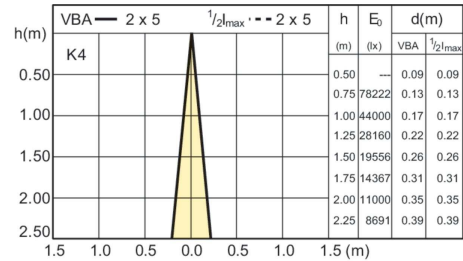
Beam Diagrams



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



Beam diagram - MASTER CDM-R 70W/942
E26 PAR30L 40D 1CT



Beam diagram - MASTER CDM-R 35W/830
E27 PAR30L 10D 1CT

