



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

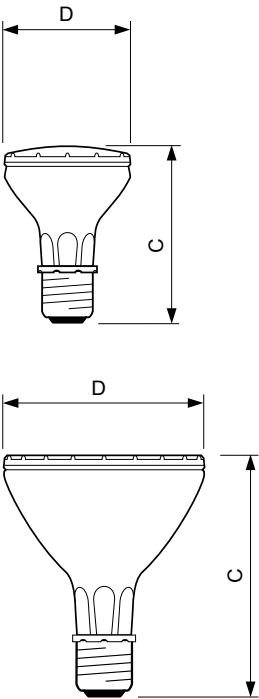
- Shops and shop windows, offices and public buildings
- Decorative outdoor: floodlighting and pedestrian areas

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.

MASTERC colour CDM-R

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 35W/830 E27 PAR30L 30D 1CT	97 mm	95 mm	123 mm	120 mm
MASTERC CDM-R 70W/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

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
928071000691	MASTERC CDM-R 35W/830 E27 PAR30L 30D 1CT	1,000
928071100694	MASTERC CDM-R 70W/830 E27 PAR30L 10D 1CT	1,050
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)

					LLMF At End Of Nominal Lifetime
Order Code	Full Product Name	Beam Angle (Nom)	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	
928071000691	MASTERC CDM-R	30 degree(s)	0.431	0.400	48 %

MASTERColour CDM-R

Order Code	Full Product Name	Beam Angle (Nom)	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	LLMF At End Of Nominal Lifetime (Nom)
928071100694	35W/830 E27 PAR30L 30D 1CT				
	MASTERC CDM-R	10 degree(s)	0.427	0.397	62 %
	70W/830 E27 PAR30L 10D 1CT				
	MASTERC CDM-R	40 degree(s)	0.427	0.397	62 %
928071200691	70W/830 E27 PAR30L 40D 1CT				
	MASTERC CDM-R				
	35W/830 E27 PAR30L 30D 1CT				
	MASTERC CDM-R				

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Luminous Intensity (Nom)
928071000691	MASTERC CDM-R 35W/830 E27 PAR30L 30D 1CT	-	7,400 cd
928071100694	MASTERC CDM-R 70W/830 E27 PAR30L 10D 1CT	-	68,000 cd

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928071000691	MASTERC CDM-R 35W/830 E27 PAR30L 30D 1CT	86 V	39.1 W
928071100694	MASTERC CDM-R 70W/830 E27 PAR30L 10D 1CT	90 V	73.2 W

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928071000691	MASTERC CDM-R 35W/830 E27 PAR30L 30D 1CT	PAR30L
928071100694	MASTERC CDM-R 70W/830 E27 PAR30L 10D 1CT	PAR30L

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h	Mercury (Hg) Content (Nom)
928071000691	MASTERC CDM-R 35W/830 E27 PAR30L 30D 1CT	42 kWh	2.8 mg
928071100694	MASTERC CDM-R 70W/830 E27 PAR30L 10D 1CT	80 kWh	8.3 mg

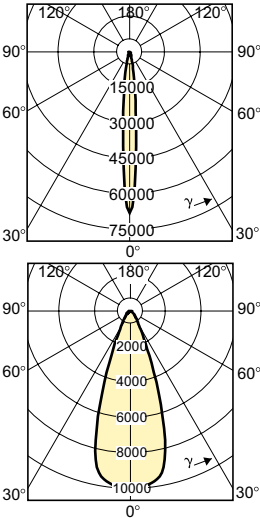
Order Code	Full Product Name	Beam Angle (Nom)	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	LLMF At End Of Nominal Lifetime (Nom)
928084000691	MASTERC CDM-R	30 degree(s)	0.433	0.402	52 %
	35W/830 E27 PAR20 30D 1CT				

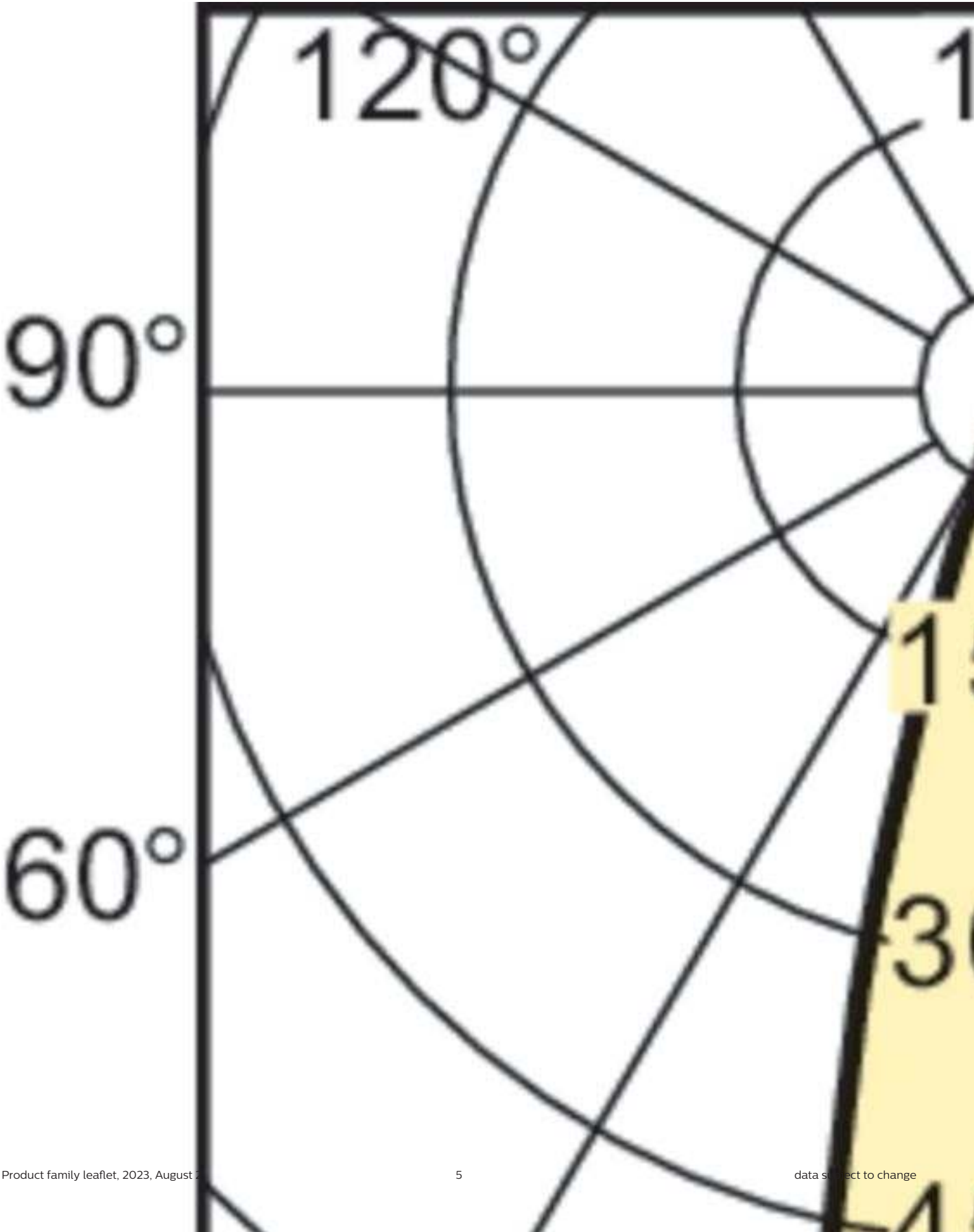
Order Code	Full Product Name	Luminous Flux	Luminous Intensity (Nom)
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	4,500 lm	9,500 cd
928084000691	MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT	-	5,300 cd

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	90 V	73.2 W
928084000691	MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT	88 V	39.1 W

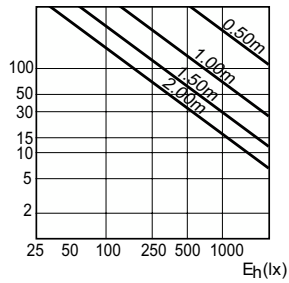
Order Code	Full Product Name	Bulb Shape
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	PAR30L
928084000691	MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT	PAR20

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h	Mercury (Hg) 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

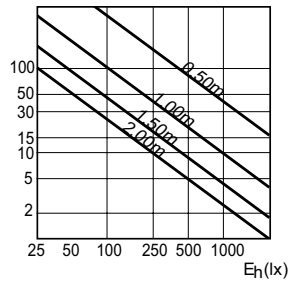




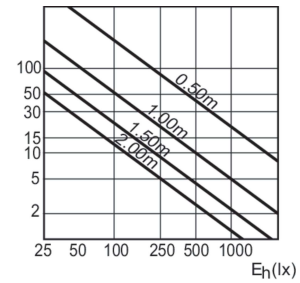
Accent Diagrams



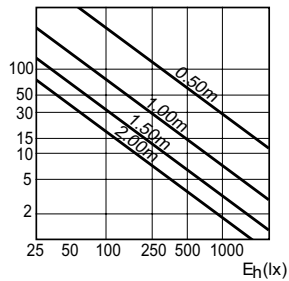
Accent Diagram - MASTER CDM-R 70W/830
E27 PAR30L 10D 1CT



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

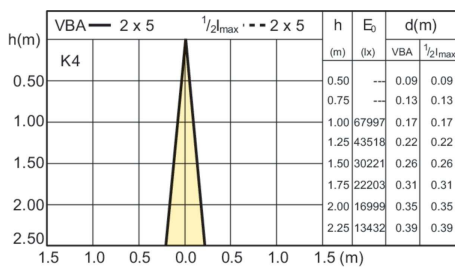


Accent Diagram - MASTER CDM-R 35W/830
E27 PAR20 30D 1CT

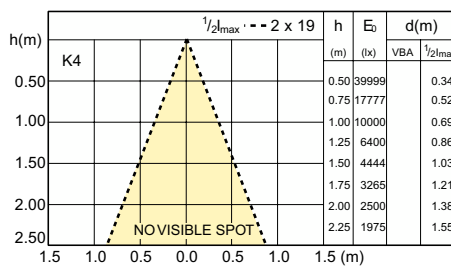


Accent Diagram - MASTER CDM-R 35W/830
E27 PAR30L 30D 1CT

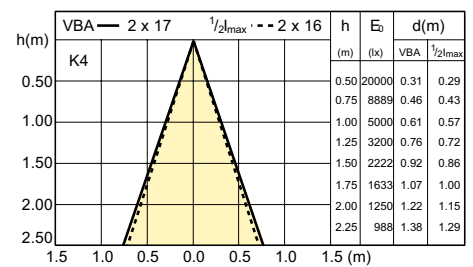
Beam Diagrams



Beam diagram - MASTER CDM-R 70W/830
E27 PAR30L 10D 1CT



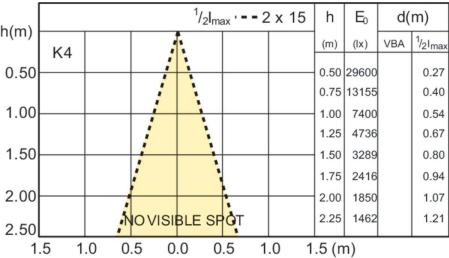
Beam diagram - MASTER CDM-R 70W/830
E27 PAR30L 40D 1CT



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

MASTERColour CDM-R

Beam Diagrams



Beam diagram - MASTERC CDM-R 35W/830
E27 PAR30L 30D 1CT

