PHILIPS

MASTERColour CDM-R

DCDMR



Beautiful sparkle, simple use

Range of compact, high-efficiency, discharge reflector lamps with a stable color 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 color impression over lifetime

Applications

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

Features

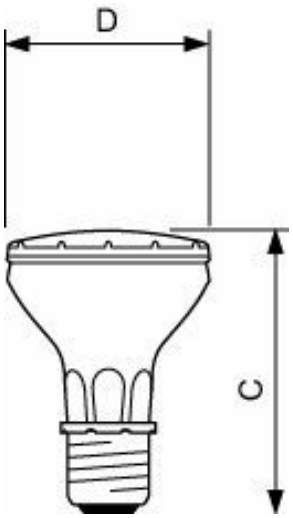
- Crisp white light
- Superior color quality
- High beam intensities are achieved very easy and efficiently from these compact reflector lamps
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. Color 830 lamps may also use electromagnetic 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.

Versions

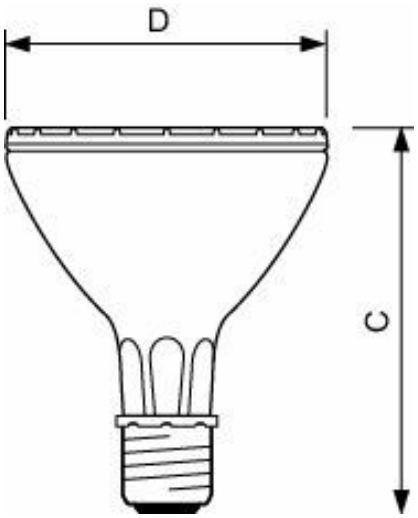


LPPR CDM-R 0001

Dimensional drawing



Product	D (max)	D	C (max)	C
MASTERC CDM-R 35W/830 E26 PAR20 10D 1CT	65 mm	64 mm	92 mm	90 mm
MASTERC CDM-R 35W/830 E26 PAR20 30D 1CT	65 mm	64 mm	92 mm	90 mm
MASTERC CDM-R 35W/942 E26 PAR20 10D 1CT	65 mm	64 mm	92 mm	90 mm
MASTERC CDM-R 35W/942 E26 PAR20 30D 1CT	65 mm	64 mm	92 mm	90 mm



Product	D (max)	D	C (max)	C
MASTERC CDM-R 35W/830 E26 PAR30L 30D 1CT	97 mm	95 mm	120 mm	118 mm
MASTERC CDM-R 70W/830 E26 PAR30L 10D 1CT	97 mm	95 mm	120 mm	118 mm
MASTERC CDM-R 70W/830 E26 PAR30L 30D 1CT	97 mm	95 mm	123 mm	118 mm
MASTERC CDM-R 70W/830 E26 PAR30L 40D 1CT	97 mm	95 mm	120 mm	118 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 [Any or Universal (U)]
Switching Cycle	1,050

Light Technical

LLMF At End Of Nominal Lifetime (Nom)	62 %

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	Cap-Base
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	E27
928073500610	MASTERC CDM-R 70W/830 E26 PAR30L 10D 1CT	E26
928073800610	MASTERC CDM-R 70W/830 E26 PAR30L 40D 1CT	E26
928085300610	MASTERC CDM-R 35W/830 E26 PAR20 10D 1CT	E26
928085400610	MASTERC CDM-R 35W/830 E26 PAR20 30D 1CT	E26
928085600610	MASTERC CDM-R 35W/830 E26 PAR30L 30D 1CT	E26
928087500610	MASTERC CDM-R 70W/942 E26 PAR30L 40D 1CT	E26
928091600610	MASTERC CDM-R 35W/942 E26 PAR20 30D 1CT	E26
928091800610	MASTERC CDM-R 35W/942 E26 PAR20 10D 1CT	E26
928094400610	MASTERC CDM-R 70W/830 E26 PAR30L 30D 1CT	E26

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Luminous Flux	Luminous Intensity (Nom)	Color Designation	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	40 degree(s)	4,500 lm	9,500 cd	Warm White (WW)	0.427	0.397	3000 K	81
928073500610	MASTERC CDM-R 70W/830 E26 PAR30L 10D 1CT	10 degree(s)	-	68,000 cd	Warm White (WW)	0.427	0.397	3000 K	81
928073800610	MASTERC CDM-R 70W/830 E26 PAR30L 40D 1CT	40 degree(s)	4,500 lm	9,500 cd	Warm White (WW)	0.427	0.397	3000 K	81
928085300610	MASTERC CDM-R 35W/830 E26 PAR20 10D 1CT	10 degree(s)	-	21,000 cd	Warm White (WW)	0.433	0.402	3000 K	81
928085400610	MASTERC CDM-R 35W/830 E26 PAR20 30D 1CT	30 degree(s)	-	5,300 cd	Warm White (WW)	0.433	0.402	3000 K	81

Order Code	Full Product Name	Beam Angle (Nom)	Luminous Flux	Luminous Intensity (Nom)	Color Designation	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)
928085600610	MASTERC CDM-R 35W/830 E26 PAR30L 30D 1CT	30 degree(s)	-	7,400 cd	Warm White (WW)	0.431	0.400	3000 K	81
928087500610	MASTERC CDM-R 70W/942 E26 PAR30L 40D 1CT	40 degree(s)	-	9,000 cd	Cool White (CW)	0.371	0.366	4200 K	93
928091600610	MASTERC CDM-R 35W/942 E26 PAR20 30D 1CT	30 degree(s)	1,900 lm	5,000 cd	Cool White (CW)	0.375	0.370	4200 K	92
928091800610	MASTERC CDM-R 35W/942 E26 PAR20 10D 1CT	10 degree(s)	1,900 lm	21,500 cd	Cool White (CW)	0.375	0.370	4200 K	92
928094400610	MASTERC CDM-R 70W/830 E26 PAR30L 30D 1CT	30 degree(s)	4,500 lm	13,500 cd	Warm White (WW)	0.427	0.397	3000 K	81

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Voltage (Nom)
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	73.2 W	90 V
928073500610	MASTERC CDM-R 70W/830 E26 PAR30L 10D 1CT	73.2 W	90 V
928073800610	MASTERC CDM-R 70W/830 E26 PAR30L 40D 1CT	73.2 W	90 V
928085300610	MASTERC CDM-R 35W/830 E26 PAR20 10D 1CT	39.1 W	88 V
928085400610	MASTERC CDM-R 35W/830 E26 PAR20 30D 1CT	39.1 W	88 V
928085600610	MASTERC CDM-R 35W/830 E26 PAR30L 30D 1CT	39.1 W	86 V
928087500610	MASTERC CDM-R 70W/942 E26 PAR30L 40D 1CT	73.2 W	88 V
928091600610	MASTERC CDM-R 35W/942 E26 PAR20 30D 1CT	39.1 W	85 V
928091800610	MASTERC CDM-R 35W/942 E26 PAR20 10D 1CT	39.1 W	85 V
928094400610	MASTERC CDM-R 70W/830 E26 PAR30L 30D 1CT	73.2 W	90 V

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	PAR30L
928073500610	MASTERC CDM-R 70W/830 E26 PAR30L 10D 1CT	PAR30L
928073800610	MASTERC CDM-R 70W/830 E26 PAR30L 40D 1CT	PAR30L
928085300610	MASTERC CDM-R 35W/830 E26 PAR20 10D 1CT	PAR20
928085400610	MASTERC CDM-R 35W/830 E26 PAR20 30D 1CT	PAR20
928085600610	MASTERC CDM-R 35W/830 E26 PAR30L 30D 1CT	PAR30L
928087500610	MASTERC CDM-R 70W/942 E26 PAR30L 40D 1CT	PAR30L
928091600610	MASTERC CDM-R 35W/942 E26 PAR20 30D 1CT	PAR20
928091800610	MASTERC CDM-R 35W/942 E26 PAR20 10D 1CT	PAR20
928094400610	MASTERC CDM-R 70W/830 E26 PAR30L 30D 1CT	PAR30L

Approval and Application

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

Order Code	Full Product Name	Mercury (Hg) Content (Nom)	Energy Consumption kWh/1000 h
928073500610	MASTERC CDM-R 70W/830 E26 PAR30L 10D 1CT	8.3 mg	80 kWh
928073800610	MASTERC CDM-R 70W/830 E26 PAR30L 40D 1CT	8.3 mg	80 kWh
928085300610	MASTERC CDM-R 35W/830 E26 PAR20 10D 1CT	2.8 mg	42 kWh
928085400610	MASTERC CDM-R 35W/830 E26 PAR20 30D 1CT	2.8 mg	42 kWh
928085600610	MASTERC CDM-R 35W/830 E26 PAR30L 30D 1CT	2.8 mg	42 kWh
928087500610	MASTERC CDM-R 70W/942 E26 PAR30L 40D 1CT	6.6 mg	-
928091600610	MASTERC CDM-R 35W/942 E26 PAR20 30D 1CT	2.8 mg	-
928091800610	MASTERC CDM-R 35W/942 E26 PAR20 10D 1CT	2.8 mg	-
928094400610	MASTERC CDM-R 70W/830 E26 PAR30L 30D 1CT	8.3 mg	-

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