# **PHILIPS** Lighting



# Beautiful sparkle, simple use

# **MASTERColour CDM-R**

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

#### Benefits

- $\cdot$  High lamp efficacy results in low operating costs and low heat generation
- $\cdot$  Long lamp life compared with incandescent and halogen lamps
- Stable color impression over lifetime

#### Features

- Crisp white light
- $\cdot$  Superior color quality
- High beam intensities are achieved very easy and efficiently from these compact reflector lamps

#### Application

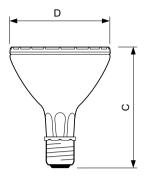
- $\boldsymbol{\cdot}$  Shops and shop windows, offices and public buildings
- Decorative outdoor: floodlighting and pedestrian areas

#### Warnings and Safety

- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 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.

# MASTERColour CDM-R

### Dimensional drawing



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
Bulb Shape	PAR30L

Product	D (max)	D	C (max)	С
MASTERC CDM-R 35W/830 E27 PAR30L 30D 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**

Order Code	Full Product Name	Switching Cycle
928071000691	MASTERC CDM-R 35W/830 E27 PAR30L 30D 1CT	1,000
928071200691	MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT	1,050

#### Light Technical (1/2)

				LLMF At
				End Of
	Beam	Chromaticity	Chromaticity	Nominal
Full Product	Angle	Coordinate X	Coordinate Y	Lifetime
Name	(Nom)	(Nom)	(Nom)	(Nom)
MASTERC	30	0.431	0.400	48 %
CDM-R	degree(s)			
35W/830 E27				
PAR30L 30D				
1CT				
	Name MASTERC CDM-R 35W/830 E27 PAR30L 30D	Full ProductAngleName(Nom)MASTERC30CDM-Rdegree(s)35W/830 E27PAR30L 30D	Full ProductAngleCoordinate XName(Nom)(Nom)MASTERC300.431CDM-Rdegree(s)35W/830 E27PAR30L 30D	Full ProductAngleCoordinate XCoordinate YName(Nom)(Nom)(Nom)MASTERC300.4310.400CDM-Rdegree(s)

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

#### Light Technical (2/2)

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

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

# MASTERColour CDM-R

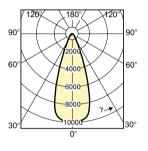
#### **Operating and Electrical**

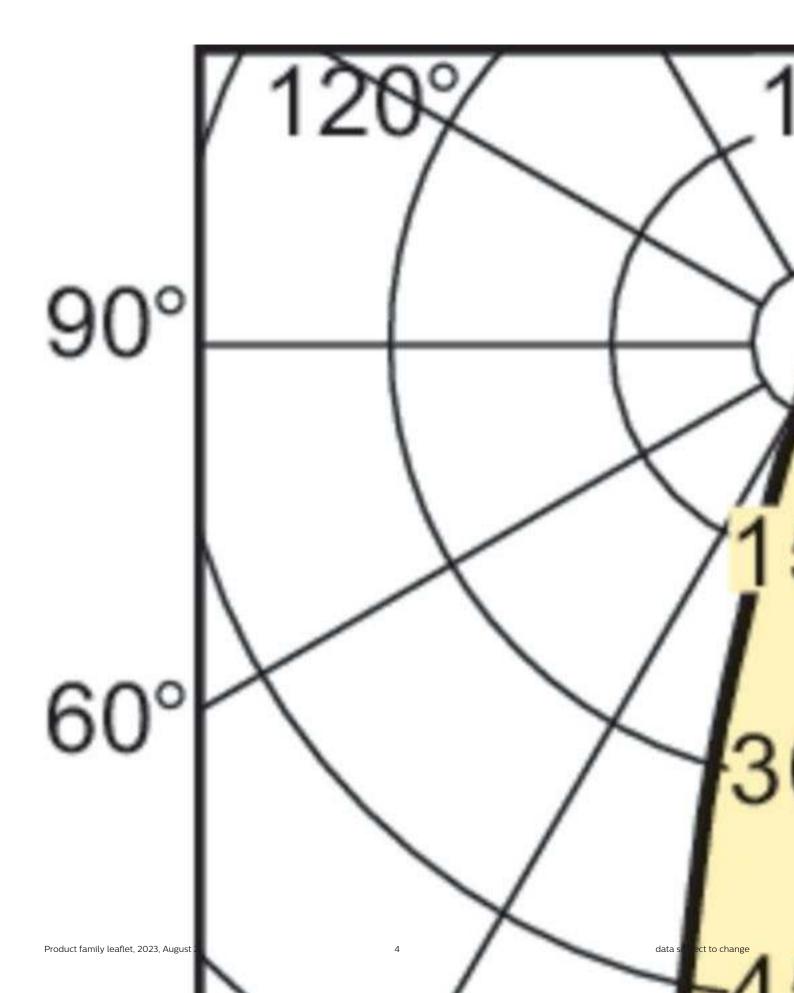
		Voltage	Power
Order Code	Full Product Name	(Nom)	Consumption
928071000691	MASTERC CDM-R 35W/830 E27	86 V	39.1 W
	PAR30L 30D 1CT		

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

#### Approval and Application

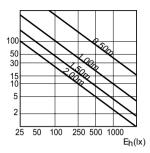
		Energy Consumption	Mercury (Hg)
Order Code	Full Product Name	kWh/1000 h	Content (Nom)
928071000691	MASTERC CDM-R 35W/830	42 kWh	2.8 mg
	E27 PAR30L 30D 1CT		
928071200691	MASTERC CDM-R 70W/830	80 kWh	8.3 mg
	E27 PAR30L 40D 1CT		

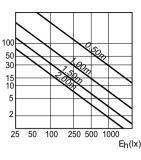




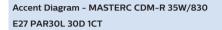
## **MASTERColour CDM-R**

#### Accent Diagrams

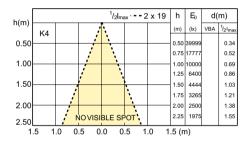




Accent Diagram - MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT



#### **Beam Diagrams**



h (m)		<sup>1</sup> / <sub>2</sub> I <sub>max</sub> · <b></b> 2 x 15					h	E₀	d(	m)
h(m)	К4						(m)	(lx)	VBA	1/21 max
0.50	134			1			0.50	29600		0.27
							0.75	13155		0.40
1.00			1				1.00	7400		0.54
			1				1.25			0.67
1.50			1				1.50	3289		0.80
2.00							1.75	2416		0.94
2.00			ovisi		ÀT.		2.00	1850 1462		1.07 1.21
2.50										1.21
1.	.5 1	.0 0	.5 0	.0 0	.5 1	.0 1	.5 (n	n)		

Beam diagram - MASTERC CDM-R 70W/830 E27 PAR30L 40D 1CT Beam diagram - MASTERC CDM-R 35W/830 E27 PAR30L 30D 1CT



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