



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

- 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

Features

- Crisp white light
- Superior color quality
- 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. 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

Versions



CDM-R 35W, 70W /830, /930, /942 PAR30L 30D

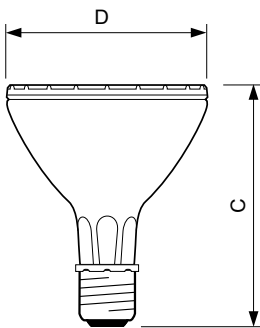
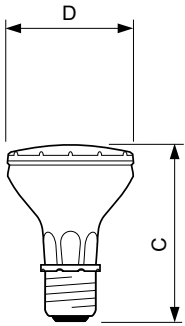


CDM-R, PAR30L, 40D



CDM-R 35W /830, /942 PAR20 30D

Dimensional drawing



Product

MASTERColour CDM-R 35W/830 E27 PAR20 30D 1CT

Product

MASTERColour CDM-R 70W/830 E27 PAR30L 40D 1CT

MASTERColour CDM-R 70W/942 E27 PAR30L 40D 1CT

MASTERColour CDM-R 35W/830 E27 PAR30L 30D 1CT

MASTERCcolour CDM-R

Approval and Application

Energy Efficiency Label (EEL)	A
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Re-Ignition Time (Min) (Max)	15 min
Warm Up Time To 60% Light (Nom)	120 s
General Information	
Cap-Base	E27
Life To 20% Failures (Nom)	8000 h
Operating Position	UNIVERSAL
Luminaire Design Requirements	
Bulb Temperature (Max)	300 °C
Light Technical	
Beam Description	Flood
Mechanical and Housing	
Bulb Finish	Clear

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
928071000691	MASTERCcolour CDM-R 35W/830 E27 PAR30L 30D 1CT	42 kWh	2.8 mg
928071200691	MASTERCcolour CDM-R 70W/830 E27 PAR30L 40D 1CT	80 kWh	8.3 mg
928089400691	MASTERCcolour CDM-R 70W/942 E27 PAR30L 40D 1CT	80 kWh	6.6 mg
928084000691	MASTERCcolour CDM-R 35W/830 E27 PAR20 30D 1CT	42 kWh	2.8 mg

Operating and Electrical (1/2)

Order Code	Full Product Name	Lamp			
		Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)
928071000691	MASTERCcolour CDM-R 35W/830 E27 PAR30L 30D 1CT	0.53 A	94 V	78 V	86 V
928071200691	MASTERCcolour CDM-R 70W/830 E27 PAR30L 40D 1CT	0.97 A	100 V	82 V	90 V

Order Code	Full Product Name	Lamp			
		Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)
928089400691	MASTERCcolour CDM-R 70W/942 E27 PAR30L 40D 1CT	-	100 V	75 V	88 V
928084000691	MASTERCcolour CDM-R 35W/830 E27 PAR20 30D 1CT	0.53 A	96 V	80 V	88 V

Operating and Electrical (2/2)

Order Code	Full Product Name	Power (Rated) (Nom)
928071000691	MASTERCcolour CDM-R 35W/830 E27 PAR30L 30D 1CT	38 W
928071200691	MASTERCcolour CDM-R 70W/830 E27 PAR30L 40D 1CT	73 W

Order Code	Full Product Name	Power (Rated) (Nom)
928089400691	MASTERCcolour CDM-R 70W/942 E27 PAR30L 40D 1CT	73 W
928084000691	MASTERCcolour CDM-R 35W/830 E27 PAR20 30D 1CT	35.0 W

General Information

MASTERColour CDM-R

Order Code	Full Product Name	Life To 50%	Life To 5%	Switching Cycle
		Failures (Nom)	Failures (Nom)	
928071000691	MASTERColour CDM-R 35W/830 E27 PAR30L 30D 1CT	8000 h	5000 h	1000X
928071200691	MASTERColour CDM-R 70W/830 E27 PAR30L 40D 1CT	12000 h	5500 h	1050X

Order Code	Full Product Name	Life To 50%	Life To 5%	Switching Cycle
		Failures (Nom)	Failures (Nom)	
928089400691	MASTERColour CDM-R 70W/942 E27 PAR30L 40D 1CT	12000 h	5000 h	1050X
928084000691	MASTERColour CDM-R 35W/830 E27 PAR20 30D 1CT	8000 h	5000 h	800X

Light Technical (1/2)

Order Code	Full Product Name	Beam	Chromaticity	Chromaticity	Color Code
		Angle (Nom)	Coordinate X (Nom)	Coordinate Y (Nom)	
928071000691	MASTERColour CDM-R 35W/830 E27 PAR30L 30D 1CT	30 °	0.431	0.400	830
928071200691	MASTERColour CDM-R 70W/830 E27 PAR30L 40D 1CT	40 °	0.427	0.397	830

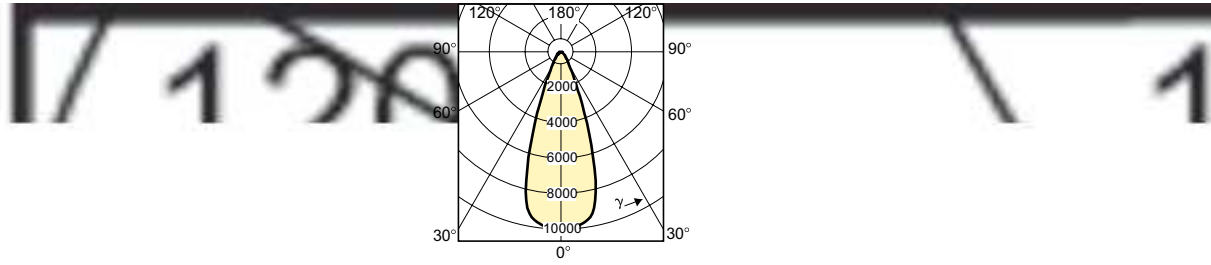
Order Code	Full Product Name	Beam	Chromaticity	Chromaticity	Color Code
		Angle (Nom)	Coordinate X (Nom)	Coordinate Y (Nom)	
928089400691	MASTERColour CDM-R 70W/942 E27 PAR30L 40D 1CT	40 °	0.371	0.366	942
928084000691	MASTERColour CDM-R 35W/830 E27 PAR20 30D 1CT	30 °	0.433	0.402	830

Light Technical (2/2)

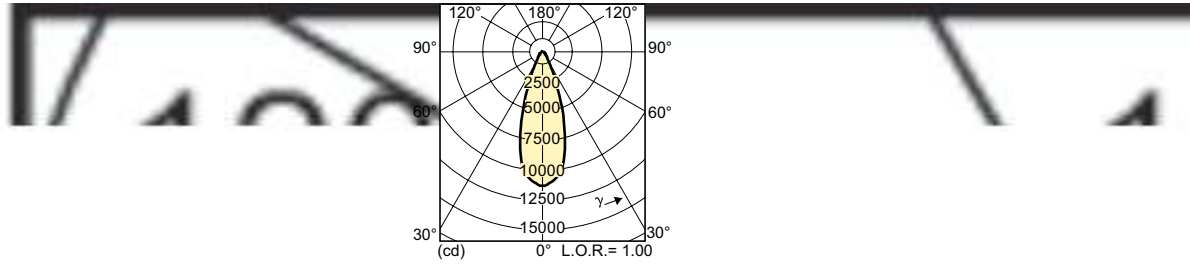
Order Code	Full Product Name	Color Designation	Correlated Color	Color	Llmf At End Of		
			Temperature (Nom)	Rendering Index (Nom)	Nominal Lifetime (Nom)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Nom)
928071000691	MASTERColour CDM-R 35W/830 E27 PAR30L 30D 1CT	Warm White (WW)	3000 K	81	48 %	2200 lm	7400 cd
928071200691	MASTERColour CDM-R 70W/830 E27 PAR30L 40D 1CT	Warm White (WW)	3000 K	81	62 %	4600 lm	9500 cd
928089400691	MASTERColour CDM-R 70W/942 E27 PAR30L 40D 1CT	Cool White (CW)	4200 K	93	61 %	4300 lm	9000 cd
928084000691	MASTERColour CDM-R 35W/830 E27 PAR20 30D 1CT	Warm White (WW)	3000 K	81	52 %	1900 lm	5300 cd

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928071000691	MASTERColour CDM-R 35W/830 E27 PAR30L 30D 1CT	PAR30L
928071200691	MASTERColour CDM-R 70W/830 E27 PAR30L 40D 1CT	PAR30L
928089400691	MASTERColour CDM-R 70W/942 E27 PAR30L 40D 1CT	PAR30L
928084000691	MASTERColour CDM-R 35W/830 E27 PAR20 30D 1CT	PAR20

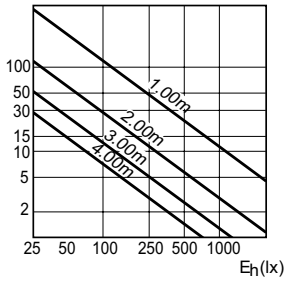
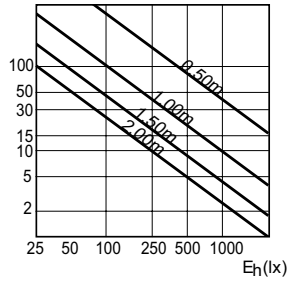
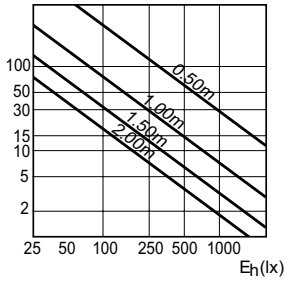


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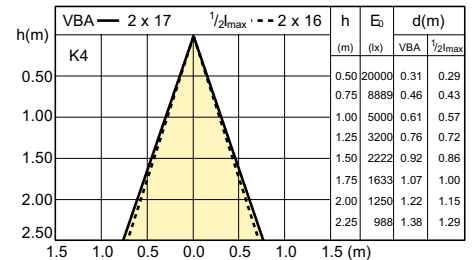
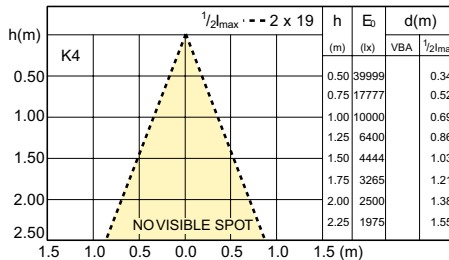
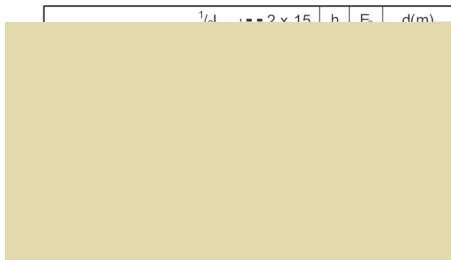
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Accent Diagrams



LDAC_CDM-R_0008-Accent diagram

Beam Diagrams



LDBE_CDM-R_0012-Beam diagram

LDBE_CDM-R_0007-Beam diagram

LDBE_CDM-R_0010-Beam diagram



LDBE_CDM-R_0008-Beam diagram

