



Perfect sparkle, simple use

MASTERColour CDM-R Elite

Compact, very high-efficiency, long-life Ceramic Metal Halide discharge reflector lamp producing crisp white sparkling light with high colour rendering

Benefits

- Lamp is easy to install and provides superior light from start to finish
- Unique crisp white sparkling light makes merchandise irresistible
- Unrivalled combination of high lumen output and excellent lumen maintenance

Features

- Excellent colour rendering (Ra 90) and high efficacy
- Unparalleled lumen maintenance
- UV-blocking front glass to reduce risk of merchandise fading
- Fits in simple open luminaires
- Easy to install and replace

Application

- Accent lighting in retail and hospitality
- General and decorative lighting

Warnings and Safety

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

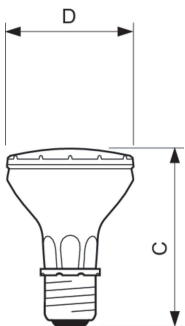
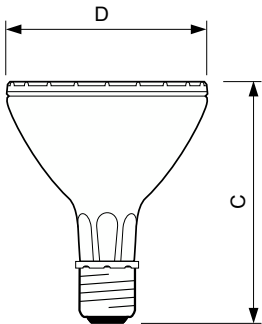
MASTERCLOUR CDM-R Elite

Versions



LPPR CDM-R-E 0004

Dimensional drawing



Product	D (max)	C (max)
MC CDM-R Elite 35W/930 E27 PAR30L 10D	97 mm	123 mm
MC CDM-R Elite 35W/930 E27 PAR30L 30D	97 mm	123 mm
MC CDM-R Elite 70W/930 E27 PAR30L 10D	97 mm	123 mm
MC CDM-R Elite 70W/930 E27 PAR30L 30D	97 mm	123 mm
MC CDM-R Elite 70W/930 E27 PAR30L 40D	97 mm	123 mm
MC CDM-R Elite 70W/942 E27 PAR30L 30D	97 mm	123 mm
MC CDM-R Elite 70W/942 E27 PAR30L 40D	97 mm	123 mm

Product	D (max)	C (max)
MC CDM-R Elite 35W/930 E27 PAR20 30D	65 mm	95 mm

MASTERCcolour CDM-R Elite

General Information	
Cap base	E27
Switching Cycle	1,350
Operating position	UNIVERSAL
Operating and Electrical	
Warm-up time to 60% light	120 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear

Light Technical (1/2)

Order Code	Full Product Name	Beam angle (nom.)	Chromaticity		Correlated Colour Temperature	Colour rendering index (CRI)	LLMF at end of nominal lifetime (nom.)
			Coordinate X (Nom)	Coordinate Y (Nom)			
65167300	MASTERCcolour CDM-R Elite 70W/942 E27 PAR30L 30D	30 degree(s)	0.371	0.366	Cool White (CW) 4200 K	92	75 %
65169700	MASTERCcolour CDM-R Elite 70W/942 E27 PAR30L 40D	40 degree(s)	0.371	0.366	Cool White (CW) 4200 K	92	75 %
24186700	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 10D	10 degree(s)	0.434	0.398	Warm White (WW) 3000 K	92	80 %
24188100	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 30D	30 degree(s)	0.434	0.398	Warm White (WW) 3000 K	92	80 %
24190400	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 40D	40 degree(s)	0.434	0.398	Warm White (WW) 3000 K	92	80 %
65157400	MASTERCcolour CDM-R Elite 35W/930 E27 PAR20 30D	30 degree(s)	0.434	0.398	Warm White (WW) 3000 K	91	80 %
24192800	MASTERCcolour CDM-R Elite 35W/930 E27 PAR30L 10D	10 degree(s)	0.434	0.398	Warm White (WW) 3000 K	91	80 %
24194200	MASTERCcolour CDM-R Elite 35W/930 E27 PAR30L 30D	30 degree(s)	0.434	0.398	Warm White (WW) 3000 K	91	80 %

Light Technical (2/2)

Order Code	Full Product Name	Luminous efficacy		Luminous intensity (nom.)	Order Code	Full Product Name	Luminous efficacy		Luminous intensity (nom.)
		(rated)	(nom.)				(rated)	(nom.)	
65167300	MASTERCcolour CDM-R Elite 70W/942 E27 PAR30L 30D	71 lm/W	4,500 lm	13,500 cd	24190400	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 40D	70 lm/W	4,400 lm	10,300 cd
65169700	MASTERCcolour CDM-R Elite 70W/942 E27 PAR30L 40D	71 lm/W	4,500 lm	9,800 cd	65157400	MASTERCcolour CDM-R Elite 35W/930 E27 PAR20 30D	61 lm/W	2,100 lm	6,500 cd
24186700	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 10D	70 lm/W	4,500 lm	61,000 cd	24192800	MASTERCcolour CDM-R Elite 35W/930 E27 PAR30L 10D	69 lm/W	2,400 lm	49,000 cd
24188100	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 30D	70 lm/W	4,500 lm	14,000 cd	24194200	MASTERCcolour CDM-R Elite 35W/930 E27 PAR30L 30D	69 lm/W	2,400 lm	8,000 cd

Operating and Electrical

MASTERCcolour CDM-R Elite

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
65167300	MASTERCcolour CDM-R Elite 70W/942 E27 PAR30L 30D	90 V	73.2 W
65169700	MASTERCcolour CDM-R Elite 70W/942 E27 PAR30L 40D	90 V	73.2 W
24186700	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 10D	86 V	73.2 W
24188100	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 30D	86 V	73.2 W

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
24190400	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 40D	86 V	73.2 W
65157400	MASTERCcolour CDM-R Elite 35W/930 E27 PAR20 30D	88 V	39.1 W
24192800	MASTERCcolour CDM-R Elite 35W/930 E27 PAR30L 10D	88 V	39.1 W
24194200	MASTERCcolour CDM-R Elite 35W/930 E27 PAR30L 30D	88 V	39.1 W

Mechanical and Housing

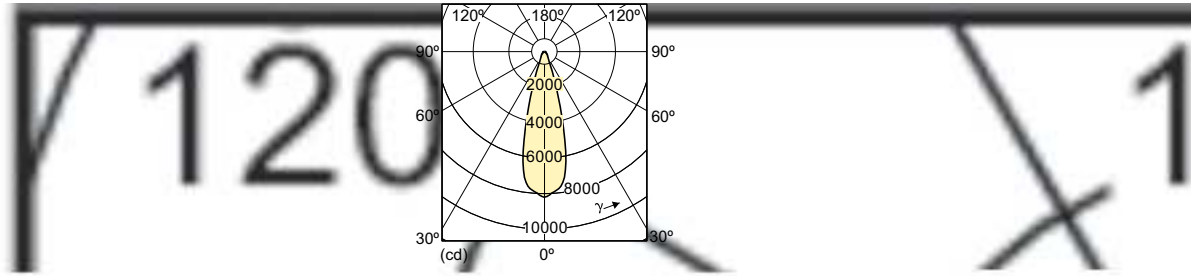
Order Code	Full Product Name	Bulb shape
65167300	MASTERCcolour CDM-R Elite 70W/942 E27 PAR30L 30D	PAR30L
65169700	MASTERCcolour CDM-R Elite 70W/942 E27 PAR30L 40D	PAR30L
24186700	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 10D	PAR30L
24188100	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 30D	PAR30L

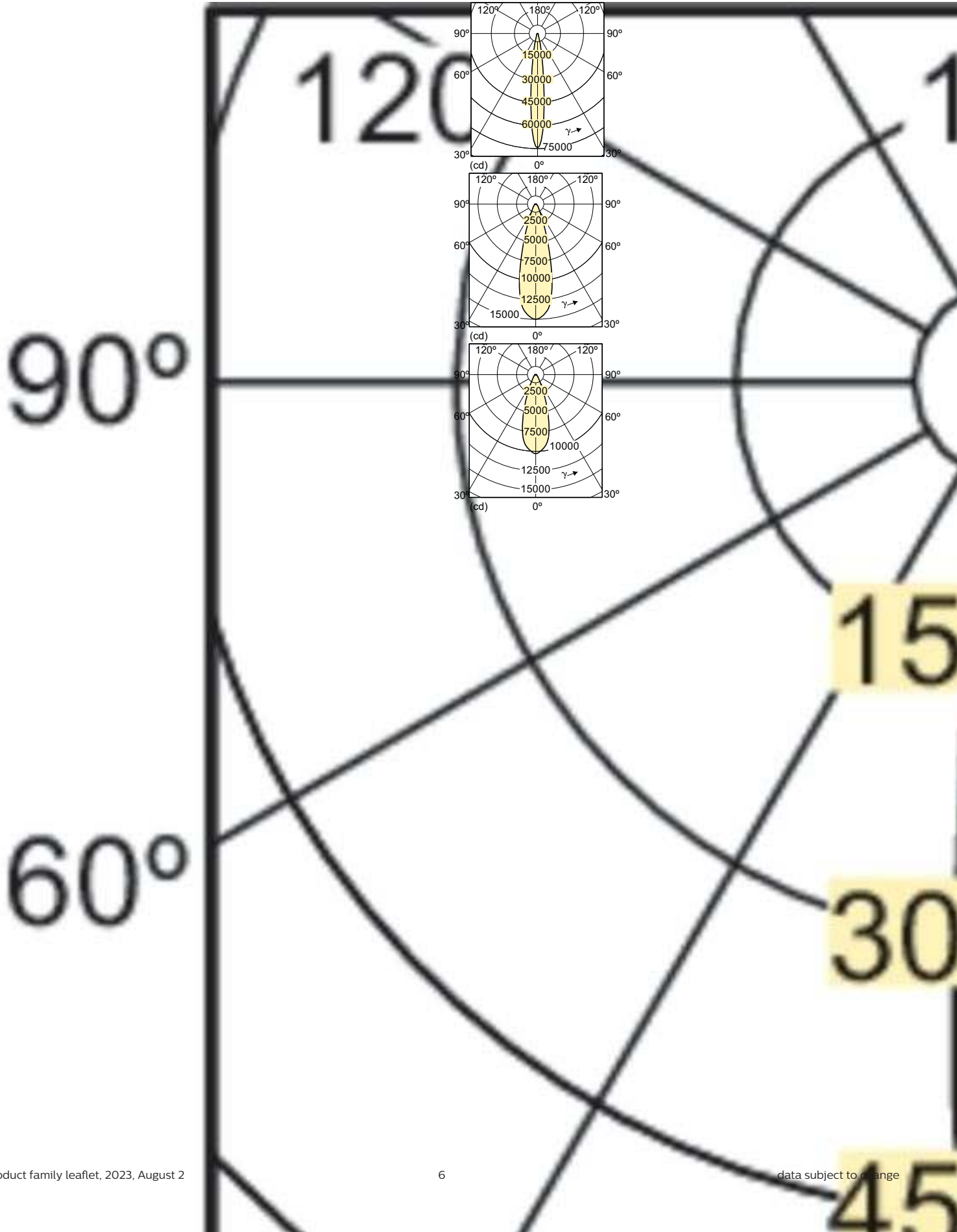
Order Code	Full Product Name	Bulb shape
24190400	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 40D	PAR30L
65157400	MASTERCcolour CDM-R Elite 35W/930 E27 PAR20 30D	PAR20
24192800	MASTERCcolour CDM-R Elite 35W/930 E27 PAR30L 10D	PAR30L
24194200	MASTERCcolour CDM-R Elite 35W/930 E27 PAR30L 30D	PAR30L

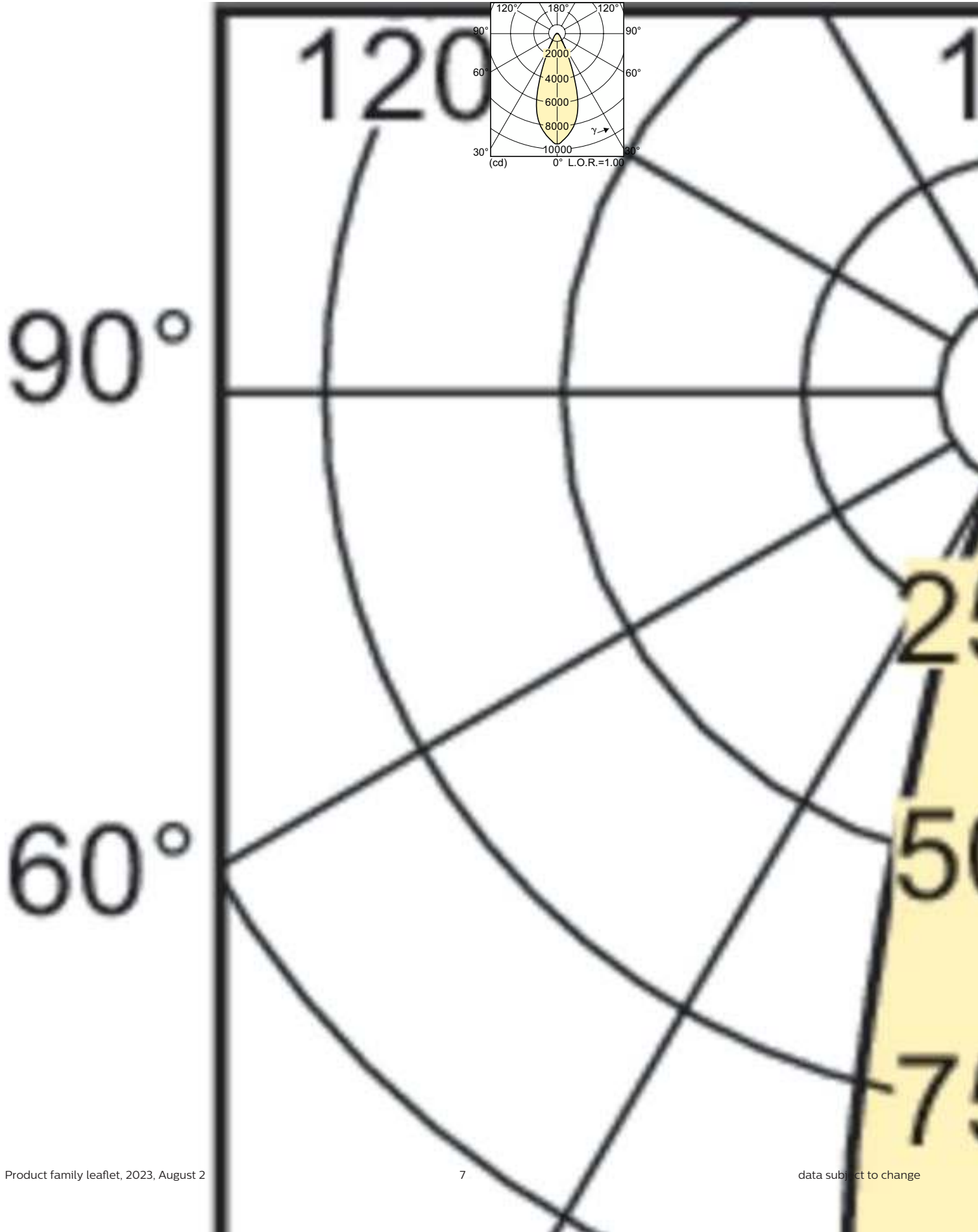
Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (max.)	Mercury (Hg) content (nom.)
65167300	MASTERCcolour CDM-R Elite 70W/942 E27 PAR30L 30D	74 kWh	6.6 mg	6.5 mg
65169700	MASTERCcolour CDM-R Elite 70W/942 E27 PAR30L 40D	74 kWh	6.6 mg	6.5 mg
24186700	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 10D	74 kWh	6.6 mg	6.6 mg
24188100	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 30D	74 kWh	6.6 mg	6.6 mg
24190400	MASTERCcolour CDM-R Elite 70W/930 E27 PAR30L 40D	74 kWh	6.6 mg	6.6 mg
65157400	MASTERCcolour CDM-R Elite 35W/930 E27 PAR20 30D	40 kWh	4.7 mg	4.7 mg
24192800	MASTERCcolour CDM-R Elite 35W/930 E27 PAR30L 10D	40 kWh	4.7 mg	4.7 mg
24194200	MASTERCcolour CDM-R Elite 35W/930 E27 PAR30L 30D	40 kWh	4.7 mg	4.7 mg

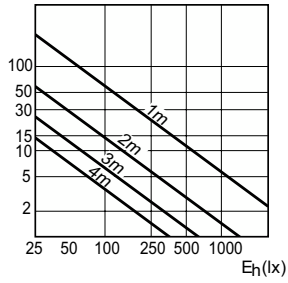
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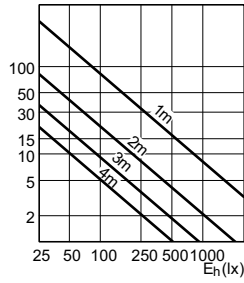




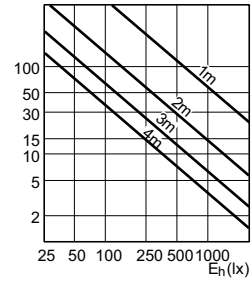
Accent Diagrams



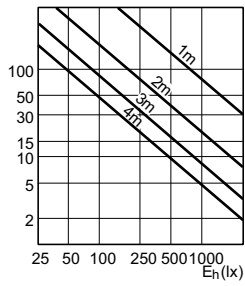
Accent Diagram - MC CDM-R Elite 35W/930
E27 PAR20 30D



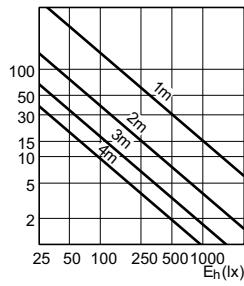
Accent Diagram - MC CDM-R Elite 35W/930
E27 PAR30L 30D



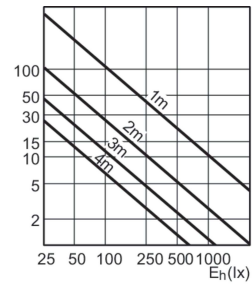
Accent Diagram - MC CDM-R Elite 35W/930
E27 PAR30L 10D



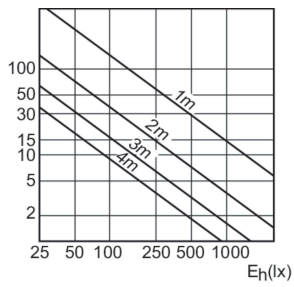
Accent Diagram - MC CDM-R Elite 70W/930
E27 PAR30L 10D



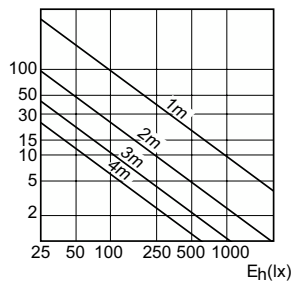
Accent Diagram - MC CDM-R Elite 70W/930
E27 PAR30L 30D



Accent Diagram - MC CDM-R Elite 70W/930
E27 PAR30L 40D



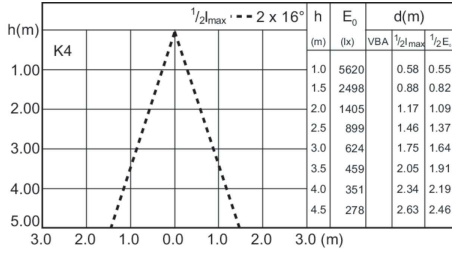
Accent Diagram - MC CDM-R Elite 70W/942
E27 PAR30L 30D



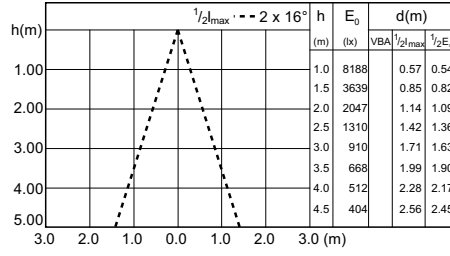
Accent Diagram - MC CDM-R Elite 70W/942
E27 PAR30L 40D

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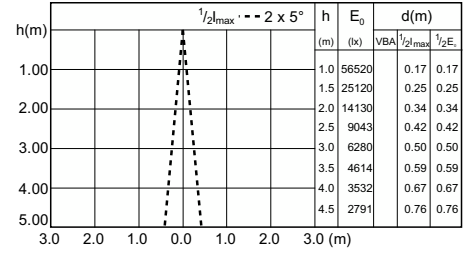
Beam Diagrams



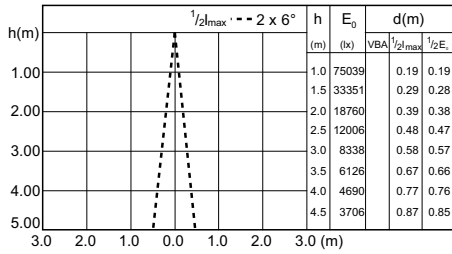
Beam diagram - MC CDM-R Elite 35W/930 E27 PAR20 30D



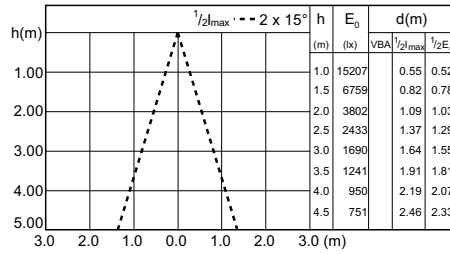
Beam diagram - MC CDM-R Elite 35W/930 E27 PAR30L 30D



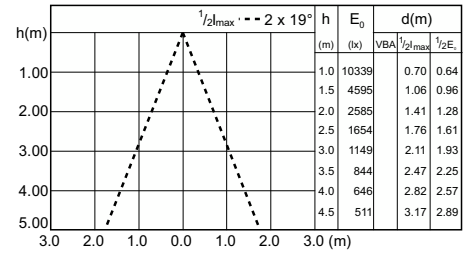
Beam diagram - MC CDM-R Elite 35W/930 E27 PAR30L 10D



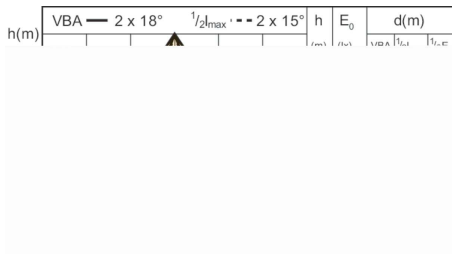
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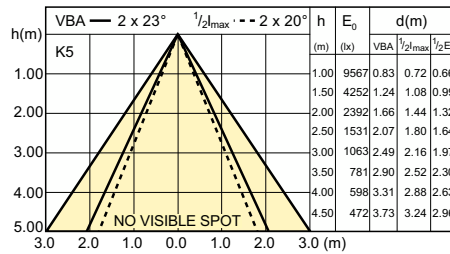
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Beam diagram - MC CDM-R Elite 70W/930 E27 PAR30L 40D



Beam diagram - MC CDM-R Elite 70W/942 E27 PAR30L 30D



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