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 color rendering

Benefits

- High-efficiency lamp producing crisp white sparkling light that makes merchandise look irresistible
- Stable color and lumen output over life keeps your store attractive season after season
- Easy to install and replace, reducing installation and relamping costs

Features

- Crisp white sparkling light
- Excellent color rendering, with extra red
- High efficacy combined with unparalleled lumen maintenance
- Fits in simple open luminaires
- UV-blocking front glass

Application

- Accent and display lighting retail
- General and decorative indoor lighting

Warnings and Safety

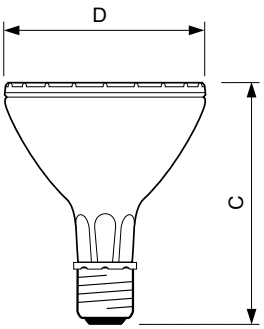
- Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

MASTERColour CDM-R Elite

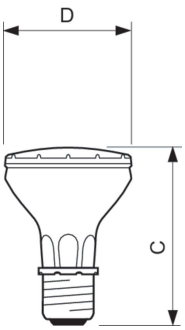
Versions

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 10D	65 mm	95 mm
MC CDM-R Elite 35W/930 E27 PAR20 30D	65 mm	95 mm

MASTERColour 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	
Bulb Finish	Clear

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	LLMF At End Of Nominal Lifetime (Nom)
65167300	MASTERColour CDM-R Elite 70W/942 E27 PAR30L 30D	30 degree(s)	0.371	0.366	Cool White (CW)	4200 K	92	75 %
65169700	MASTERColour CDM-R Elite 70W/942 E27 PAR30L 40D	40 degree(s)	0.371	0.366	Cool White (CW)	4200 K	92	75 %
24186700	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 10D	10 degree(s)	0.434	0.398	Warm White (WW)	3000 K	92	80 %
24188100	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 30D	30 degree(s)	0.434	0.398	Warm White (WW)	3000 K	92	80 %
24190400	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 40D	40 degree(s)	0.434	0.398	Warm White (WW)	3000 K	92	80 %
65155000	MASTERColour CDM-R Elite 35W/930 E27 PAR20 10D	10 degree(s)	0.434	0.398	Warm White (WW)	3000 K	91	80 %
65157400	MASTERColour CDM-R Elite 35W/930 E27 PAR20 30D	30 degree(s)	0.434	0.398	Warm White (WW)	3000 K	91	80 %
24192800	MASTERColour CDM-R Elite 35W/930 E27 PAR30L 10D	10 degree(s)	0.434	0.398	Warm White (WW)	3000 K	91	80 %
24194200	MASTERColour 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 (rated) (Nom)	Luminous Flux	Luminous Intensity (Nom)
65167300	MASTERColour CDM-R Elite 70W/942 E27 PAR30L 30D	71 lm/W	4,500 lm	13,500 cd
65169700	MASTERColour CDM-R Elite 70W/942 E27 PAR30L 40D	71 lm/W	4,500 lm	9,800 cd
24186700	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 10D	70 lm/W	4,500 lm	61,000 cd
24188100	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 30D	70 lm/W	4,500 lm	14,000 cd
24190400	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 40D	70 lm/W	4,400 lm	10,300 cd

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux	Luminous Intensity (Nom)
65155000	MASTERColour CDM-R Elite 35W/930 E27 PAR20 10D	60 lm/W	2,050 lm	23,000 cd
65157400	MASTERColour CDM-R Elite 35W/930 E27 PAR20 30D	61 lm/W	2,100 lm	6,500 cd
24192800	MASTERColour CDM-R Elite 35W/930 E27 PAR30L 10D	69 lm/W	2,400 lm	49,000 cd
24194200	MASTERColour CDM-R Elite 35W/930 E27 PAR30L 30D	69 lm/W	2,400 lm	8,000 cd

MASTERColour CDM-R Elite

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
65167300	MASTERColour CDM-R Elite 70W/942 E27 PAR30L 30D	90 V	73.2 W
65169700	MASTERColour CDM-R Elite 70W/942 E27 PAR30L 40D	90 V	73.2 W
24186700	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 10D	86 V	73.2 W
24188100	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 30D	86 V	73.2 W
24190400	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 40D	86 V	73.2 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
65155000	MASTERColour CDM-R Elite 35W/930 E27 PAR20 10D	88 V	39.1 W
65157400	MASTERColour CDM-R Elite 35W/930 E27 PAR20 30D	88 V	39.1 W
24192800	MASTERColour CDM-R Elite 35W/930 E27 PAR30L 10D	88 V	39.1 W
24194200	MASTERColour CDM-R Elite 35W/930 E27 PAR30L 30D	88 V	39.1 W

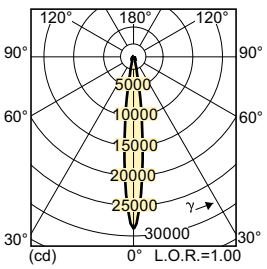
Mechanical and Housing

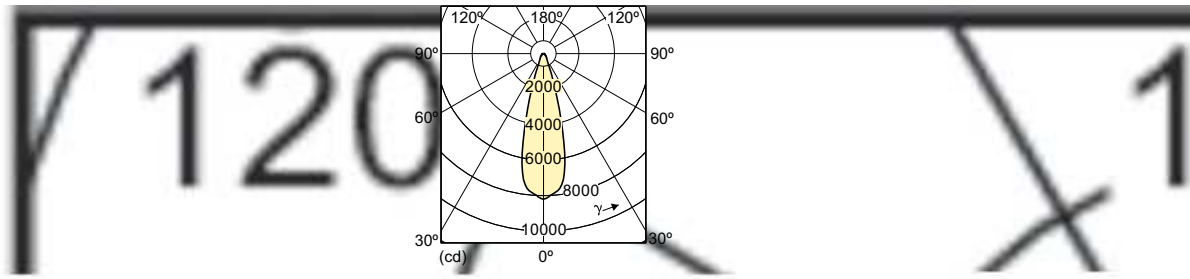
Order Code	Full Product Name	Bulb Shape
65167300	MASTERColour CDM-R Elite 70W/942 E27 PAR30L 30D	PAR30L
65169700	MASTERColour CDM-R Elite 70W/942 E27 PAR30L 40D	PAR30L
24186700	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 10D	PAR30L
24188100	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 30D	PAR30L
24190400	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 40D	PAR30L

Order Code	Full Product Name	Bulb Shape
65155000	MASTERColour CDM-R Elite 35W/930 E27 PAR20 10D	PAR20
65157400	MASTERColour CDM-R Elite 35W/930 E27 PAR20 30D	PAR20
24192800	MASTERColour CDM-R Elite 35W/930 E27 PAR30L 10D	PAR30L
24194200	MASTERColour CDM-R Elite 35W/930 E27 PAR30L 30D	PAR30L

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
65167300	MASTERColour CDM-R Elite 70W/942 E27 PAR30L 30D	74 kWh	6.6 mg	6.5 mg
65169700	MASTERColour CDM-R Elite 70W/942 E27 PAR30L 40D	74 kWh	6.6 mg	6.5 mg
24186700	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 10D	74 kWh	6.6 mg	6.6 mg
24188100	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 30D	74 kWh	6.6 mg	6.6 mg
24190400	MASTERColour CDM-R Elite 70W/930 E27 PAR30L 40D	74 kWh	6.6 mg	6.6 mg
65155000	MASTERColour CDM-R Elite 35W/930 E27 PAR20 10D	40 kWh	4.7 mg	4.7 mg
65157400	MASTERColour CDM-R Elite 35W/930 E27 PAR20 30D	40 kWh	4.7 mg	4.7 mg
24192800	MASTERColour CDM-R Elite 35W/930 E27 PAR30L 10D	40 kWh	4.7 mg	4.7 mg
24194200	MASTERColour CDM-R Elite 35W/930 E27 PAR30L 30D	40 kWh	4.7 mg	4.7 mg

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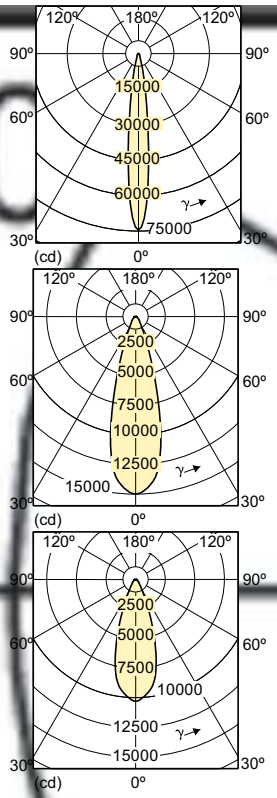
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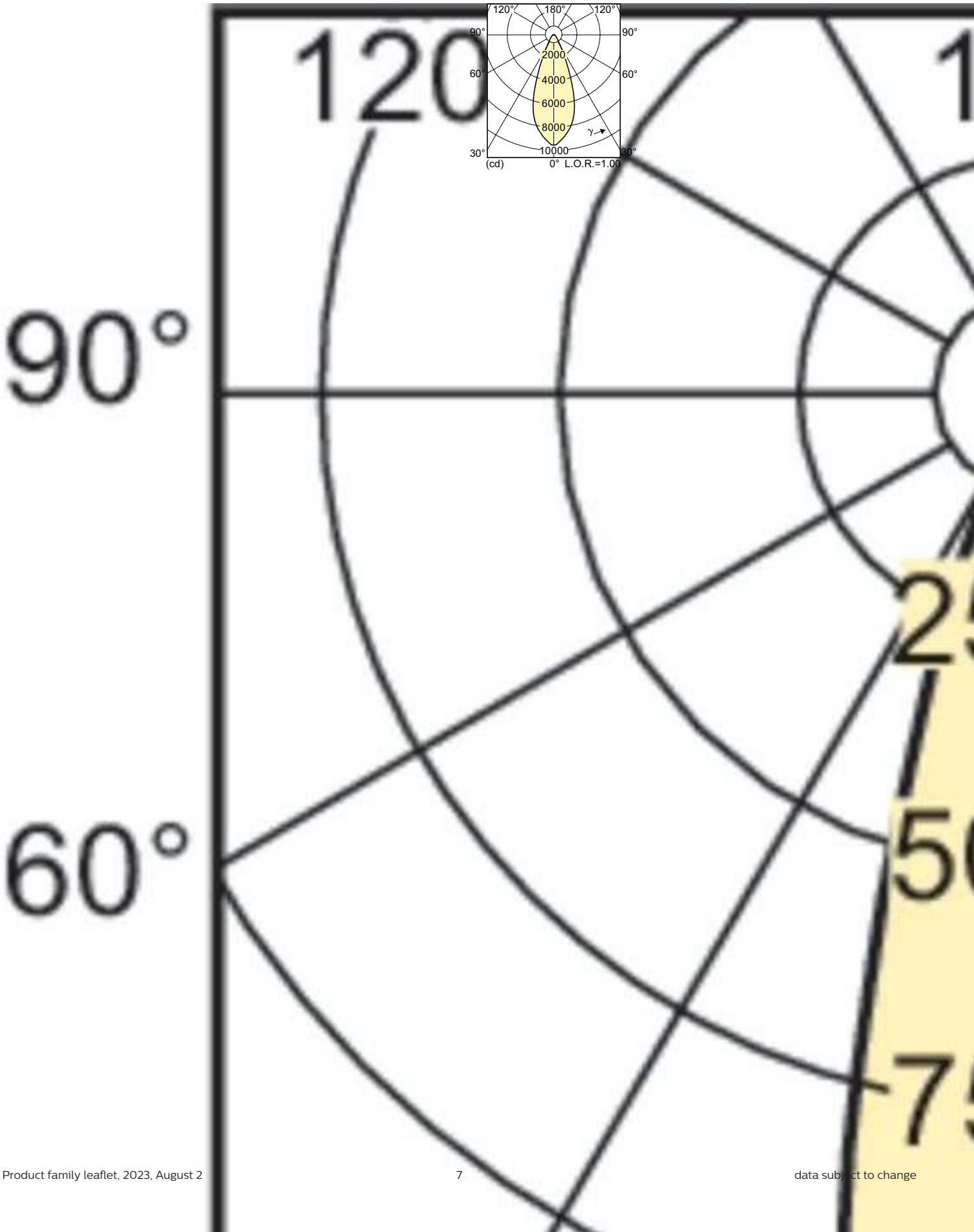
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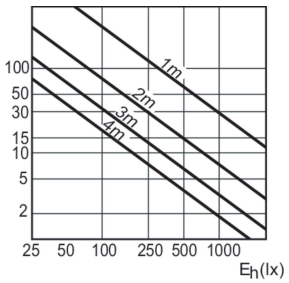
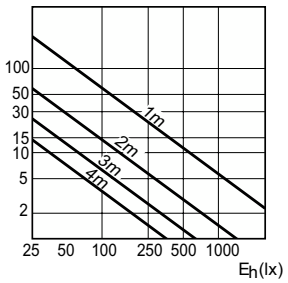
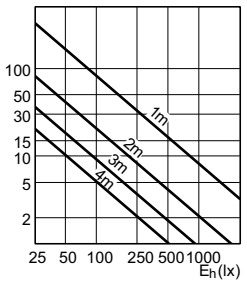
Accent Diagrams



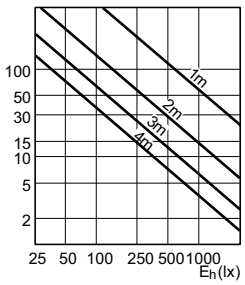
Accent Diagram - MC CDM-R Elite 35W/930
E27 PAR20 10D



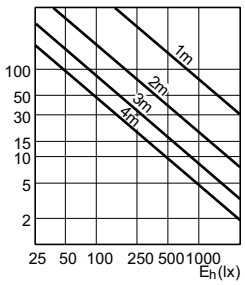
Accent Diagram - MC CDM-R Elite 35W/930
E27 PAR20 30D



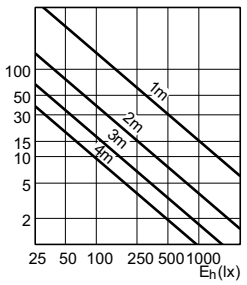
Accent Diagram - MC CDM-R Elite 35W/930
E27 PAR30L 30D



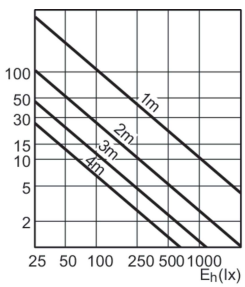
Accent Diagram - MC CDM-R Elite 35W/930
E27 PAR30L 10D



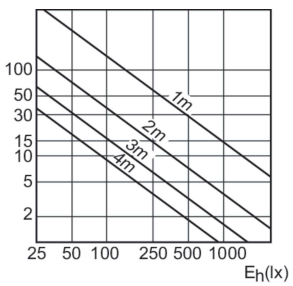
Accent Diagram - MC CDM-R Elite 70W/930
E27 PAR30L 10D



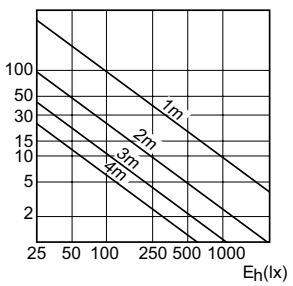
Accent Diagram - MC CDM-R Elite 70W/930
E27 PAR30L 30D



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

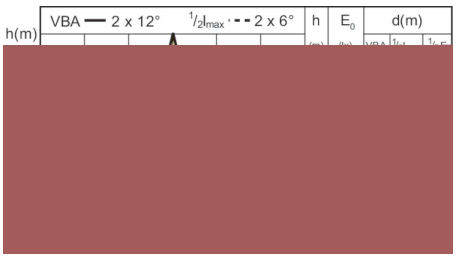


Accent Diagram - MC CDM-R Elite 70W/942
E27 PAR30L 30D

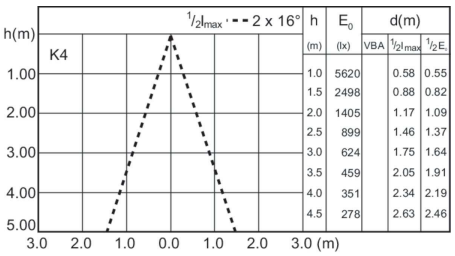


Accent Diagram - MC CDM-R Elite 70W/942
E27 PAR30L 40D

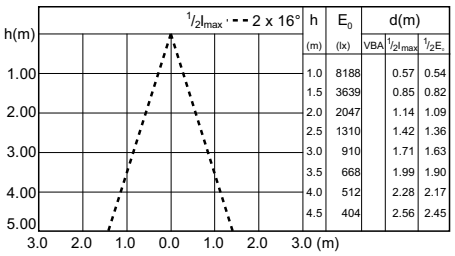
Beam Diagrams



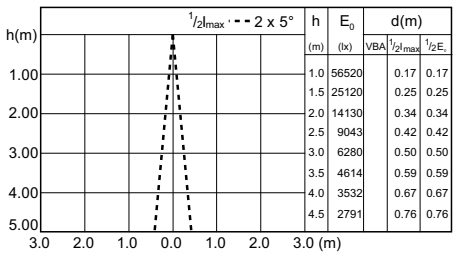
Beam diagram - MC CDM-R Elite 35W/930 E27 PAR20 10D



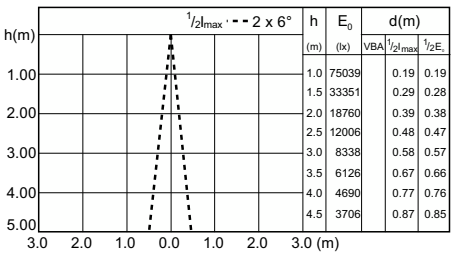
Beam diagram - MC CDM-R Elite 35W/930 E27 PAR20 30D



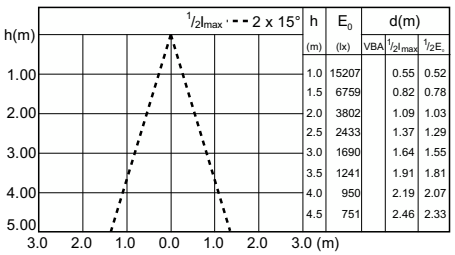
Beam diagram - MC CDM-R Elite 35W/930 E27 PAR30L 30D



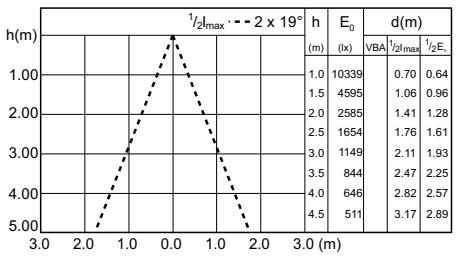
Beam diagram - MC CDM-R Elite 35W/930 E27 PAR30L 10D



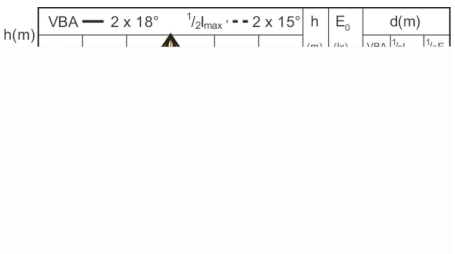
Beam diagram - MC CDM-R Elite 70W/930 E27 PAR30L 10D



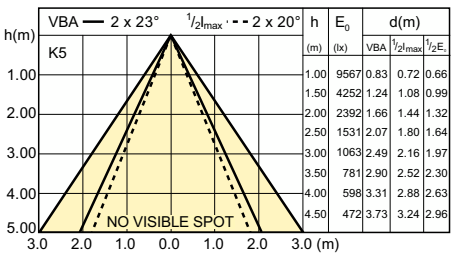
Beam diagram - MC CDM-R Elite 70W/930 E27 PAR30L 30D



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



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



Beam diagram - MC CDM-R Elite 70W/942 E27 PAR30L 40D

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