



MASTER LEDspot LV – The ideal solution for spot lighting

MASTER VALUE LEDspot LV

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and washrooms, where the light is on all the time. The robustly designed MASTER LEDspot offers a choice of beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

Benefits

- Up to 80% energy saving compared with halogen lamp
- Broad compatibility with transformers
- Retrofittable with low-voltage MR16 halogen lamps with GU5.3 socket

Features

- dimmable (the 7–35W and 10–50W versions)
- patented intelligent driver
- air movement mechanism (active fan cooling) with very low sound levels
- lifetime of 25,000 to 45,000 hours
- CRI90 (MR11 only)

Application

- Ideal for accent lighting in hotels, hospitals, shops and museums (e.g. floors, elevators, displays)

MASTER VALUE LEDspot LV

Warnings and Safety

- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

Versions

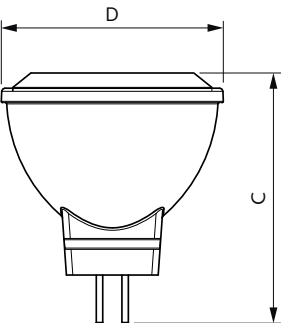
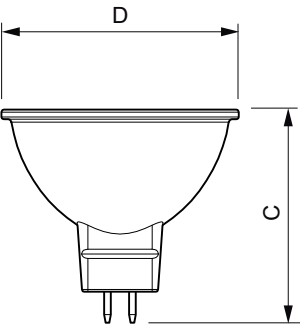


LEDspots MAS SLR 2 MR11 GU4



LEDspots MAS MR16 GU5,3 1

Dimensional drawing



Product	D	C
MAS LED SPOT VLE D 7.5-50W MR16 927 36D	50.5 mm	45.5 mm
MAS LED SPOT VLE D 7.5-50W MR16 927 60D	50.5 mm	45.5 mm
MAS LED SPOT VLE D 7.5-50W MR16 930 36D	50.5 mm	45.5 mm
MAS LED SPOT VLE D 7.5-50W MR16 930 60D	50.5 mm	45.5 mm
MAS LED SPOT VLE D 7.5-50W MR16 940 36D	50.5 mm	45.5 mm
MAS LED SPOT VLE D 7.5-50W MR16 940 60D	50.5 mm	45.5 mm
MAS LED spot VLE D 5.8-35W MR16 927 36D	50.5 mm	45.5 mm
MAS LED spot VLE D 5.8-35W MR16 927 60D	50.5 mm	45.5 mm
MAS LED spot VLE D 5.8-35W MR16 930 36D	50.5 mm	45.5 mm
MAS LED spot VLE D 5.8-35W MR16 930 60D	50.5 mm	45.5 mm
MAS LED spot VLE D 5.8-35W MR16 940 36D	50.5 mm	45.5 mm
MAS LED spot VLE D 5.8-35W MR16 940 60D	50.5 mm	45.5 mm

Product	D	C
MAS LEDspotLV 3.5-20W 827 MR11 24D	35.1 mm	39.5 mm

MASTER VALUE LEDspot LV

General Information	
Switching Cycle	50,000
Light Technical	
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	- Hz
Line Frequency	- Hz
Starting Time (Nom)	0.5 s

General Information

Order Code	Full Product Name	Cap-Base	Nominal lifetime	Order Code	Full Product Name	Cap-Base	Nominal lifetime
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	GU5.3	25,000 hour(s)	30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	GU5.3	25,000 hour(s)
30720900	MASTER LED spot VLE D 5.8-35W MR16 930 36D	GU5.3	25,000 hour(s)	30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	GU5.3	25,000 hour(s)
30722300	MASTER LED spot VLE D 5.8-35W MR16 940 36D	GU5.3	25,000 hour(s)	35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	GU4	40,000 hour(s)
30724700	MASTER LED spot VLE D 5.8-35W MR16 927 60D	GU5.3	25,000 hour(s)	30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	GU5.3	25,000 hour(s)
30726100	MASTER LED spot VLE D 5.8-35W MR16 930 60D	GU5.3	25,000 hour(s)	30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	GU5.3	25,000 hour(s)
30728500	MASTER LED spot VLE D 5.8-35W MR16 940 60D	GU5.3	25,000 hour(s)	30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	GU5.3	25,000 hour(s)
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	GU5.3	25,000 hour(s)				

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Color Code	Luminous Flux (Nom)	Luminous Intensity (Nom)
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	36 degree(s)	2700 K	90	927	450 lm	1,300 cd
30720900	MASTER LED spot VLE D 5.8-35W MR16 930 36D	36 degree(s)	3000 K	90	930	460 lm	1,300 cd
30722300	MASTER LED spot VLE D 5.8-35W MR16 940 36D	36 degree(s)	4000 K	90	940	490 lm	1,200 cd
30724700	MASTER LED spot VLE D 5.8-35W MR16 927 60D	60 degree(s)	2700 K	90	927	450 lm	600 cd
30726100	MASTER LED spot VLE D 5.8-35W MR16 930 60D	60 degree(s)	3000 K	90	930	460 lm	600 cd
30728500	MASTER LED spot VLE D 5.8-35W MR16 940 60D	60 degree(s)	4000 K	90	940	490 lm	550 cd
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	36 degree(s)	2700 K	90	927	621 lm	1,600 cd
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	36 degree(s)	3000 K	90	930	630 lm	1,600 cd
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	36 degree(s)	4000 K	90	940	660 lm	1,500 cd
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	24 degree(s)	2700 K	80	827	200 lm	1,000 cd
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	60 degree(s)	2700 K	90	927	621 lm	750 cd
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	60 degree(s)	3000 K	90	930	630 lm	800 cd
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	60 degree(s)	4000 K	90	940	660 lm	770 cd

Operating and Electrical

MASTER VALUE LEDspot LV

Order Code	Full Product Name	Power	Wattage
		Consumption	Equivalent
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	5.8 W	35 W
30720900	MASTER LED spot VLE D 5.8-35W MR16 930 36D	5.8 W	35 W
30722300	MASTER LED spot VLE D 5.8-35W MR16 940 36D	5.8 W	35 W
30724700	MASTER LED spot VLE D 5.8-35W MR16 927 60D	5.8 W	35 W
30726100	MASTER LED spot VLE D 5.8-35W MR16 930 60D	5.8 W	35 W
30728500	MASTER LED spot VLE D 5.8-35W MR16 940 60D	5.8 W	35 W
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	7.5 W	50 W

Order Code	Full Product Name	Power	Wattage
		Consumption	Equivalent
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	7.5 W	50 W
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	7.5 W	50 W
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	3.5 W	20 W
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	7.5 W	50 W
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	7.5 W	50 W
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	7.5 W	50 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	85 °C
30720900	MASTER LED spot VLE D 5.8-35W MR16 930 36D	85 °C
30722300	MASTER LED spot VLE D 5.8-35W MR16 940 36D	85 °C
30724700	MASTER LED spot VLE D 5.8-35W MR16 927 60D	85 °C
30726100	MASTER LED spot VLE D 5.8-35W MR16 930 60D	85 °C
30728500	MASTER LED spot VLE D 5.8-35W MR16 940 60D	85 °C
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	95 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	95 °C
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	95 °C
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	85 °C
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	95 °C
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	95 °C
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	95 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	Only with specific dimmers
30720900	MASTER LED spot VLE D 5.8-35W MR16 930 36D	Only with specific dimmers
30722300	MASTER LED spot VLE D 5.8-35W MR16 940 36D	Only with specific dimmers
30724700	MASTER LED spot VLE D 5.8-35W MR16 927 60D	Only with specific dimmers
30726100	MASTER LED spot VLE D 5.8-35W MR16 930 60D	Only with specific dimmers
30728500	MASTER LED spot VLE D 5.8-35W MR16 940 60D	Only with specific dimmers
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	Only with specific dimmers

Order Code	Full Product Name	Dimmable
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	Only with specific dimmers
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	Only with specific dimmers
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	No
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	Only with specific dimmers
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	Only with specific dimmers
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	Only with specific dimmers

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	MR16
30720900	MASTER LED spot VLE D 5.8-35W MR16 930 36D	MR16

Order Code	Full Product Name	Bulb Shape
30722300	MASTER LED spot VLE D 5.8-35W MR16 940 36D	MR16
30724700	MASTER LED spot VLE D 5.8-35W MR16 927 60D	MR16

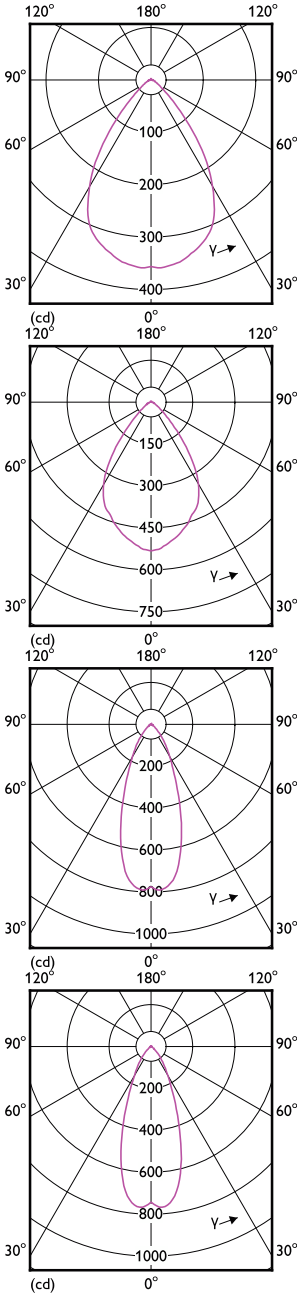
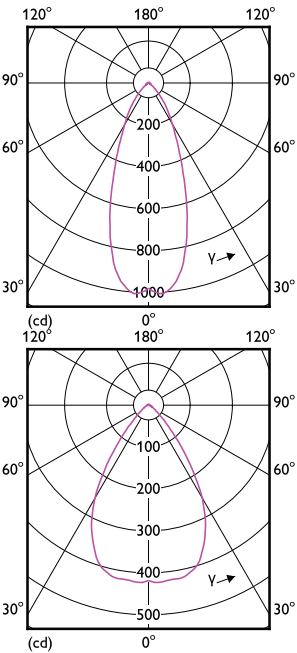
MASTER VALUE LEDspot LV

Order Code	Full Product Name	Bulb Shape
30726100	MASTER LED spot VLE D 5.8-35W MR16 930 60D	MR16
30728500	MASTER LED spot VLE D 5.8-35W MR16 940 60D	MR16
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	MR16
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	MR16
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	MR16

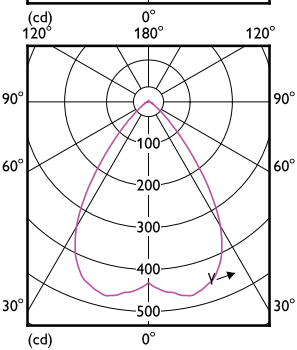
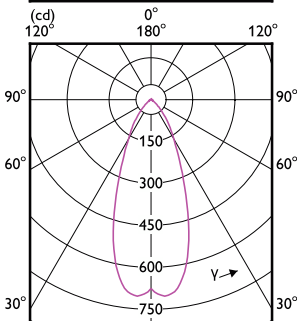
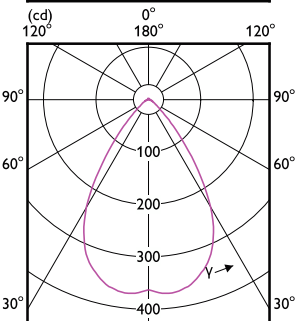
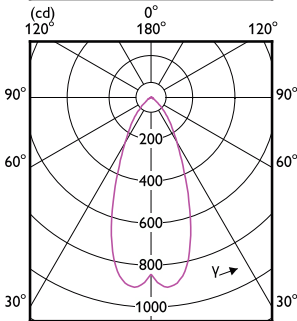
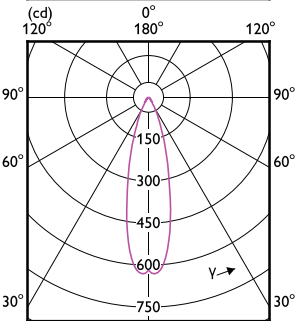
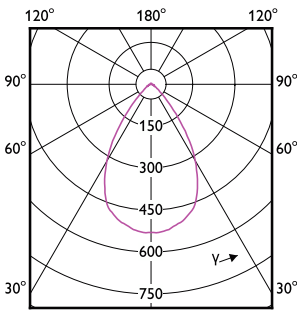
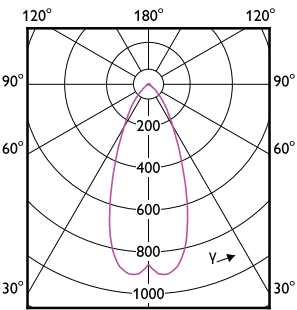
Order Code	Full Product Name	Bulb Shape
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	MR11
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	MR16
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	MR16
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	MR16

Approval and Application

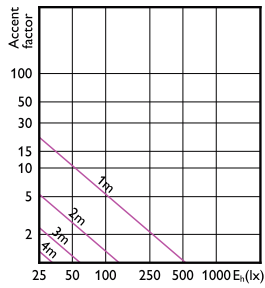
Order Code	Full Product Name	Energy Consumption kWh/1000 h
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	6 kWh
30720900	MASTER LED spot VLE D 5.8-35W MR16 930 36D	6 kWh
30722300	MASTER LED spot VLE D 5.8-35W MR16 940 36D	6 kWh
30724700	MASTER LED spot VLE D 5.8-35W MR16 927 60D	6 kWh
30726100	MASTER LED spot VLE D 5.8-35W MR16 930 60D	6 kWh
30728500	MASTER LED spot VLE D 5.8-35W MR16 940 60D	6 kWh
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	8 kWh
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	8 kWh
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	8 kWh
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	4 kWh
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	8 kWh
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	8 kWh
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	8 kWh



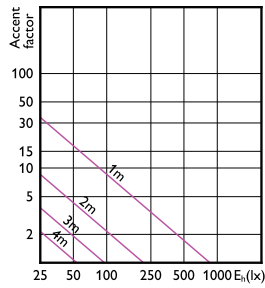
MASTER VALUE LEDspot LV



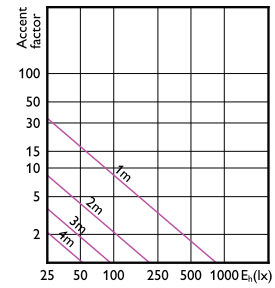
Accent Diagrams



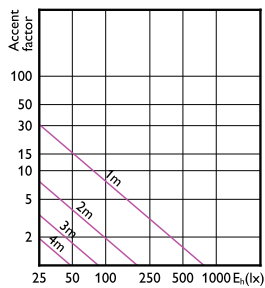
Accent Diagram - MAS LED SPOT VLE D
7.5-50W MR16 927 60D



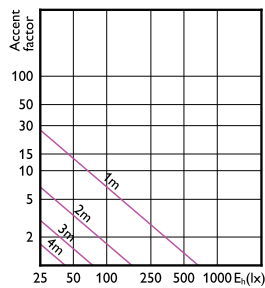
Accent Diagram - MAS LED SPOT VLE D
7.5-50W MR16 930 36D



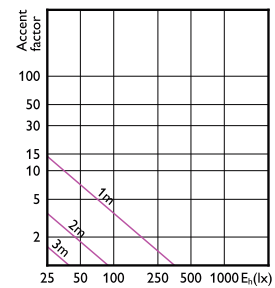
Accent Diagram - MAS LED SPOT VLE D
7.5-50W MR16 940 36D



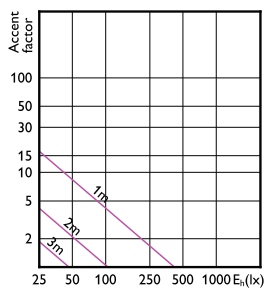
Accent Diagram - MAS LED spot VLE D 5.8-35W
MR16 940 36D



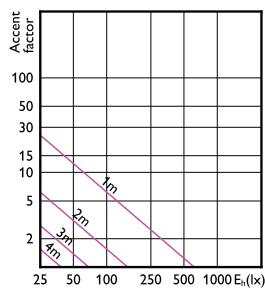
Accent Diagram - MAS LED spot VLE D 5.8-35W
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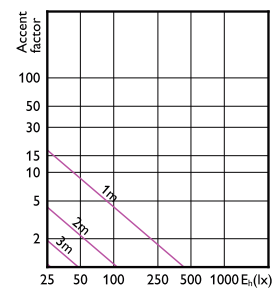
Accent Diagram - MAS LED spot VLE D 5.8-35W
MR16 930 60D



Accent Diagram - MAS LED spot VLE D 5.8-35W
MR16 940 60D



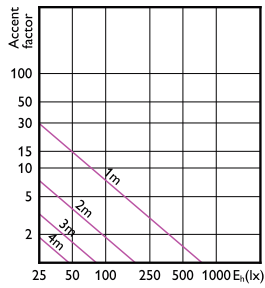
Accent Diagram - MAS LEDspotLV 3.5-20W 827
MR11 24D



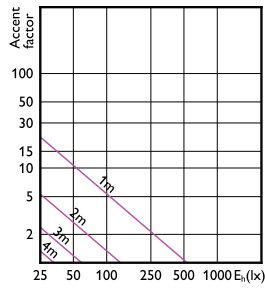
Accent Diagram - MAS LED SPOT VLE D
7.5-50W MR16 930 60D

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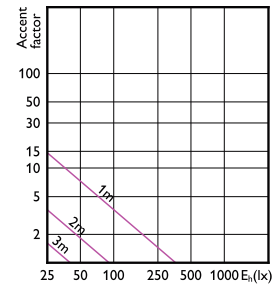
Accent Diagrams



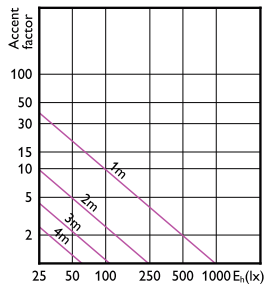
Accent Diagram - MAS LED spot VLE D 5.8-35W
MR16 930 36D



Accent Diagram - MAS LED SPOT VLE D
7.5-50W MR16 940 60D

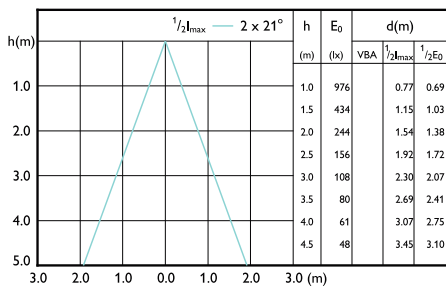


Accent Diagram - MAS LED spot VLE D 5.8-35W
MR16 927 60D

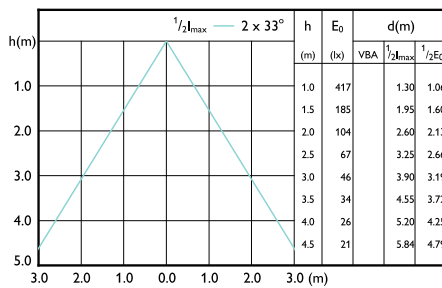


Accent Diagram - MAS LED SPOT VLE D
7.5-50W MR16 927 36D

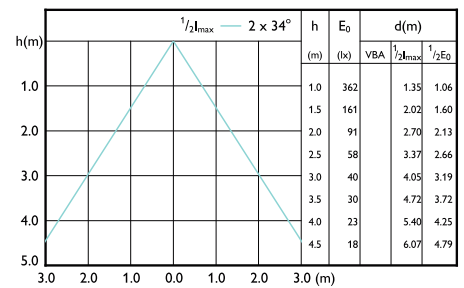
Beam Diagrams



Beam diagram - MAS LED SPOT VLE D 7.5-50W
MR16 927 36D

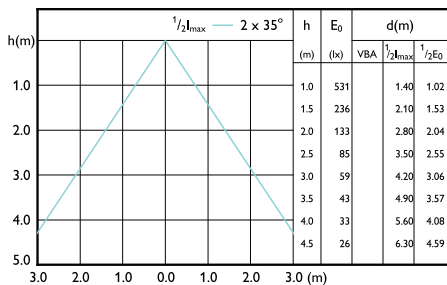


Beam diagram - MAS LED spot VLE D 5.8-35W
MR16 940 60D

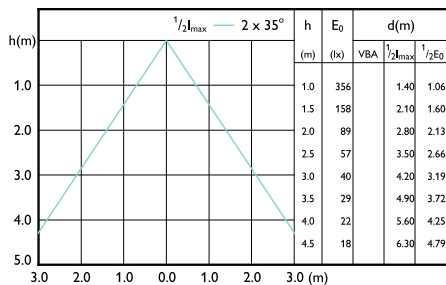


Beam diagram - MAS LED spot VLE D 5.8-35W
MR16 927 60D

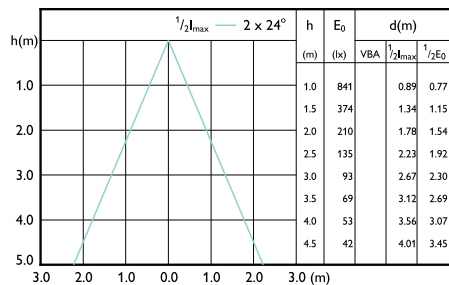
Beam Diagrams



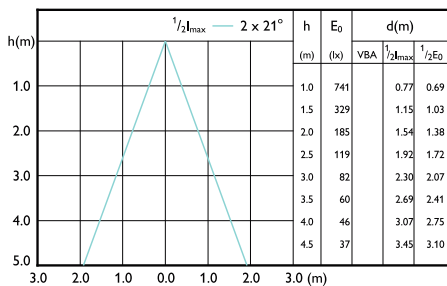
Beam diagram - MAS LED SPOT VLE D 7.5-50W
MR16 940 60D



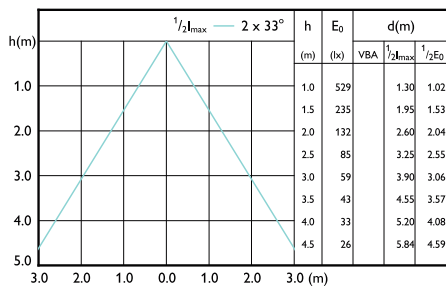
Beam diagram - MAS LED spot VLE D 5.8-35W
MR16 930 60D



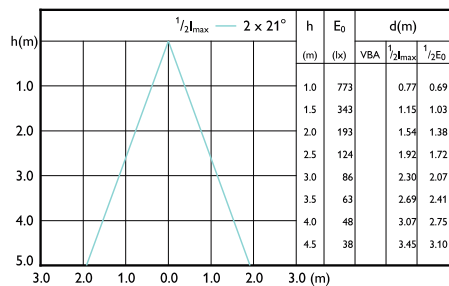
Beam diagram - MAS LED SPOT VLE D 7.5-50W
MR16 940 36D



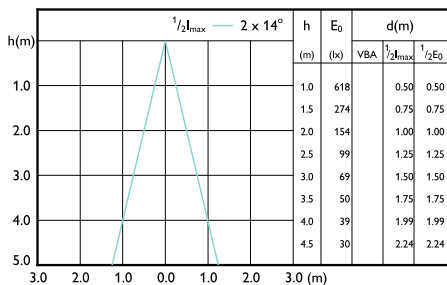
Beam diagram - MAS LED spot VLE D 5.8-35W
MR16 930 36D



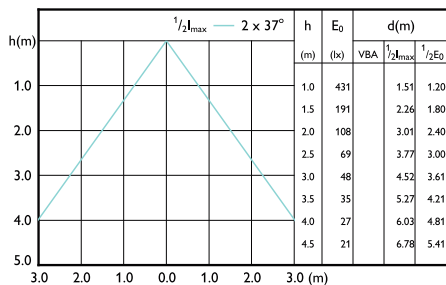
Beam diagram - MAS LED SPOT VLE D 7.5-50W
MR16 927 60D



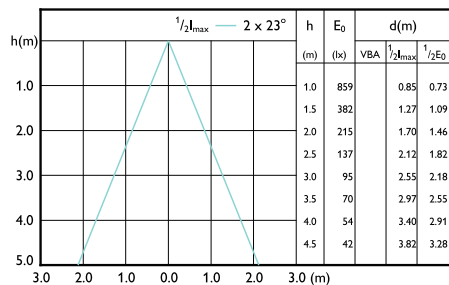
Beam diagram - MAS LED spot VLE D 5.8-35W
MR16 940 36D



Beam diagram - MAS LEDspotLV 3.5-20W 827
MR11 24D



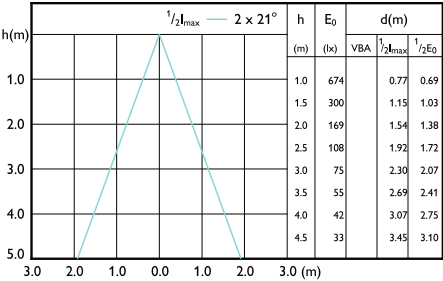
Beam diagram - MAS LED SPOT VLE D 7.5-50W
MR16 930 60D



Beam diagram - MAS LED SPOT VLE D 7.5-50W
MR16 930 36D

MASTER VALUE LEDspot LV

Beam Diagrams



Beam diagram - MAS LED spot VLE D 5.8-35W
MR16 927 36D

