



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
- Suitable to retrofit with low-voltage halogen lamps covering GU5.3 and GU4 base types

Features

- Dimmable (6.5–35W versions)
- Innovative AirFlux technology for passive cooling, depending upon model
- Warm and cool white light
- Lifetime:
 - 40,000 hours MASTER LED
 - 25,000 hours MASTER LED VALUE
- TransforMax technology to ensure compatibility with existing transformers (depending upon model)

MASTER VALUE LEDspot LV

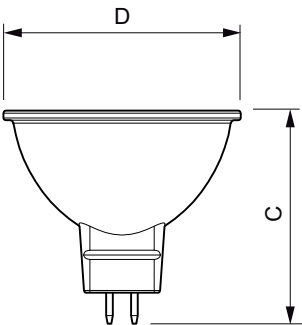
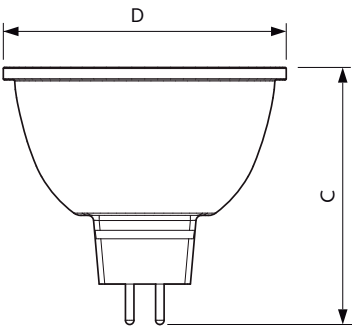
Application

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

Versions



Dimensional drawing

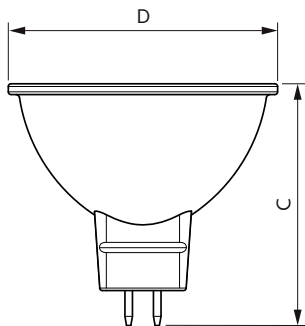
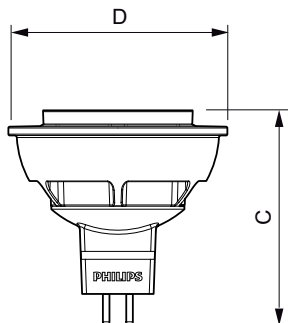


Product	D	C
MAS LEDspotLV DimTone 5-35W MR16 36D	50.5 mm	44.5 mm
MAS LED SPOT VLE D 7-50W MR16 840 36D	50.5 mm	45 mm
MAS LED SPOT VLE D 7-50W MR16 830 36D	50.5 mm	45 mm
MAS LED SPOT VLE D 7-50W MR16 827 36D	50.5 mm	45 mm

Product	D	C
MAS LED spot VLE D 5.5-35W MR16 830 36D	50.5 mm	45 mm
MAS LED spot VLE D 5.5-35W MR16 840 36D	50.5 mm	45 mm
MAS LED spot VLE D 5.5-35W MR16 827 36D	50.5 mm	45 mm

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Dimensional drawing



Product	D	C
MAS LEDspotLV DimTone 6.5-35W MR16 36D	51 mm	50 mm

Product	D	C
MAS LEDspotLV DimTone 7-50W MR16 36D	50.5 mm	45.5 mm

Operating and Electrical

Starting Time (Nom)	0.5 s
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General Information

Cap-Base	GU5.3
Nominal Lifetime (Nom)	25000 h
Rated Lifetime (Hours)	25000 h
Switching Cycle	50000X

Light Technical

Beam Angle (Nom)	36 °
Colour Rendering Index (Nom)	80
Llmf At End Of Nominal Lifetime (Nom)	70 %
Rated Beam Angle	36 °

Mechanical and Housing

Bulb Shape	MR16
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/	Energy Efficiency
		1000 h	Label (EEL)
44215900	MAS LEDspotLV DimTone 6.5-35W MR16 36D	7 kWh	A
70823100	MAS LED spot VLE D 5.5-35W MR16 827 36D	7 kWh	A+
70825500	MAS LED spot VLE D 5.5-35W MR16 830 36D	7 kWh	A+
70827900	MAS LED spot VLE D 5.5-35W MR16 840 36D	7 kWh	A+
81554000	MAS LED SPOT VLE D 7-50W MR16 827 36D	8 kWh	A+
81556400	MAS LED SPOT VLE D 7-50W MR16 830 36D	8 kWh	A+
81558800	MAS LED SPOT VLE D 7-50W MR16 840 36D	8 kWh	A+
81538000	MAS LEDspotLV DimTone 5-35W MR16 36D	6 kWh	A+
65820500	MAS LEDspotLV DimTone 7-50W MR16 36D	8 kWh	A+

Controls and Dimming

Order Code	Full Product Name	Dimmable
44215900	MAS LEDspotLV DimTone 6.5-35W MR16 36D	yes
70823100	MAS LED spot VLE D 5.5-35W MR16 827 36D	Yes
70825500	MAS LED spot VLE D 5.5-35W MR16 830 36D	Yes
70827900	MAS LED spot VLE D 5.5-35W MR16 840 36D	Yes
81554000	MAS LED SPOT VLE D 7-50W MR16 827 36D	Yes

Order Code	Full Product Name	Dimmable
81556400	MAS LED SPOT VLE D 7-50W MR16 830 36D	Yes
81558800	MAS LED SPOT VLE D 7-50W MR16 840 36D	Yes
81538000	MAS LEDspotLV DimTone 5-35W MR16 36D	Yes
65820500	MAS LEDspotLV DimTone 7-50W MR16 36D	Yes

MASTER VALUE LEDspot LV

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)
44215900	MAS LEDspotLV DimTone 6.5-35W MR16 36D	50 to 60 Hz	12 V	35 W	6.5 W
70823100	MAS LED spot VLE D 5.5-35W MR16 827 36D	-	ac Electronic 12 V	35 W	5.5 W
70825500	MAS LED spot VLE D 5.5-35W MR16 830 36D	-	ac Electronic 12 V	35 W	5.5 W
70827900	MAS LED spot VLE D 5.5-35W MR16 840 36D	-	ac Electronic 12 V	35 W	5.5 W
81554000	MAS LED SPOT VLE D 7-50W MR16 827 36D	-	12 V	50 W	7 W

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)
81556400	MAS LED SPOT VLE D 7-50W MR16 830 36D	-	12 V	50 W	7 W
81558800	MAS LED SPOT VLE D 7-50W MR16 840 36D	-	12 V	50 W	7 W
81538000	MAS LEDspotLV DimTone 5-35W MR16 36D	-	AC Electronic 12 V	35 W	5 W
65820500	MAS LEDspotLV DimTone 7-50W MR16 36D	-	ac electronic 12 V	50 W	7 W

Light Technical (1/2)

Order Code	Full Product Name	Colour Code	Correlated Colour Temperature (Nom)	Light Distribution	Luminous Flux (Nom)
44215900	MAS LEDspotLV DimTone 6.5-35W MR16 36D	822-827	2200-2700 K	36D	410 lm
70823100	MAS LED spot VLE D 5.5-35W MR16 827 36D	827	2700 K	-	450 lm
70825500	MAS LED spot VLE D 5.5-35W MR16 830 36D	830	3000 K	-	460 lm
70827900	MAS LED spot VLE D 5.5-35W MR16 840 36D	840	4000 K	-	490 lm
81554000	MAS LED SPOT VLE D 7-50W MR16 827 36D	827	2700 K	-	621 lm

Order Code	Full Product Name	Colour Code	Correlated Colour Temperature (Nom)	Light Distribution	Luminous Flux (Nom)
81556400	MAS LED SPOT VLE D 7-50W MR16 830 36D	830	3000 K	-	630 lm
81558800	MAS LED SPOT VLE D 7-50W MR16 840 36D	840	4000 K	-	660 lm
81538000	MAS LEDspotLV DimTone 5-35W MR16 36D	822-827	2200-2700 K	-	345 lm
65820500	MAS LEDspotLV DimTone 7-50W MR16 36D	822-827	2200-2700 K	-	621 lm

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)	Luminous Intensity (Nom)
44215900	MAS LEDspotLV DimTone 6.5-35W MR16 36D	410 lm	900 cd
70823100	MAS LED spot VLE D 5.5-35W MR16 827 36D	450 lm	1000 cd
70825500	MAS LED spot VLE D 5.5-35W MR16 830 36D	460 lm	1000 cd

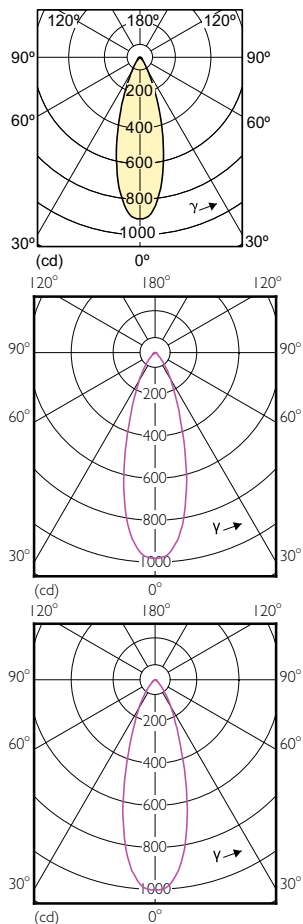
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70827900	MAS LED spot VLE D 5.5-35W MR16 840 36D	490 lm	1100 cd
81554000	MAS LED SPOT VLE D 7-50W MR16 827 36D	621 lm	1500 cd
81556400	MAS LED SPOT VLE D 7-50W MR16 830 36D	630 lm	1500 cd

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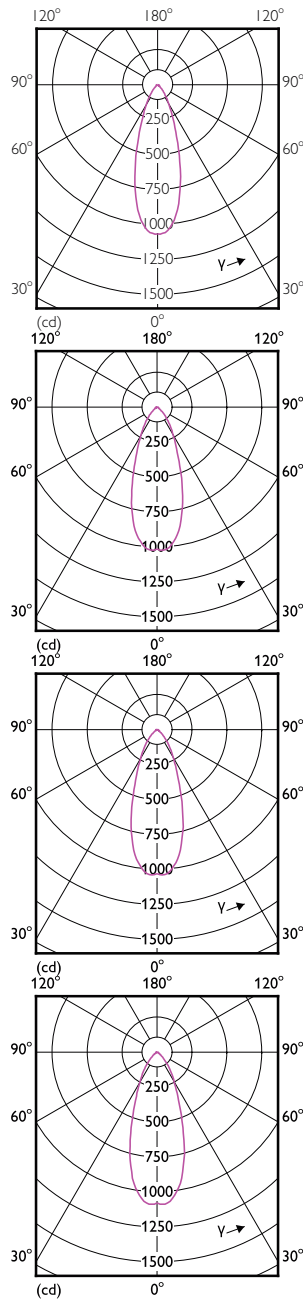
Order Code	Full Product Name	Luminous Flux (Rated) (Nom)	Luminous Intensity (Nom)
81558800	MAS LED SPOT VLE D 7-50W MR16 840 36D	660 lm	1650 cd
81538000	MAS LEDspotLV DimTone 5-35W MR16 36D	345 lm	600 cd

Temperature

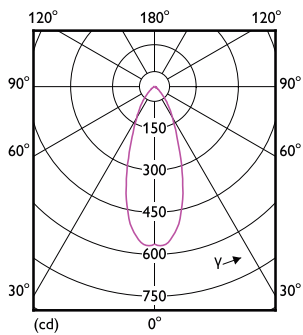
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44215900	MAS LEDspotLV DimTone 6.5-35W MR16 36D	-
70823100	MAS LED spot VLE D 5.5-35W MR16 827 36D	95 °C
70825500	MAS LED spot VLE D 5.5-35W MR16 830 36D	95 °C
70827900	MAS LED spot VLE D 5.5-35W MR16 840 36D	95 °C
81554000	MAS LED SPOT VLE D 7-50W MR16 827 36D	85 °C
81556400	MAS LED SPOT VLE D 7-50W MR16 830 36D	85 °C
81558800	MAS LED SPOT VLE D 7-50W MR16 840 36D	85 °C
81538000	MAS LEDspotLV DimTone 5-35W MR16 36D	70 °C
65820500	MAS LEDspotLV DimTone 7-50W MR16 36D	86 °C



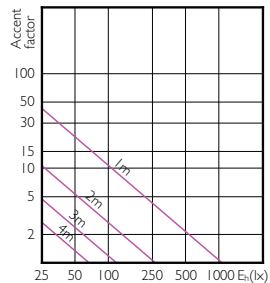
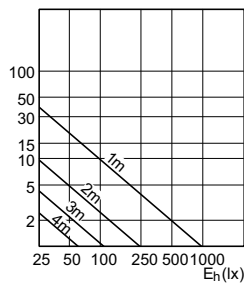
Order Code	Full Product Name	Luminous Flux (Rated) (Nom)	Luminous Intensity (Nom)
65820500	MAS LEDspotLV DimTone 7-50W MR16 36D	621 lm	1000 cd



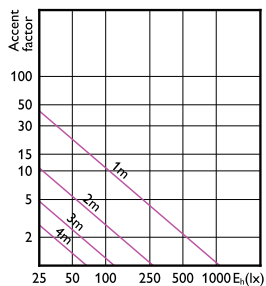
MASTER VALUE LEDspot LV



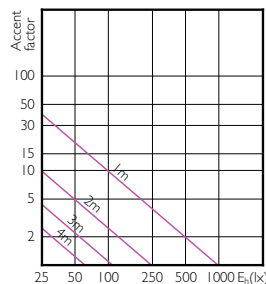
Accent Diagrams



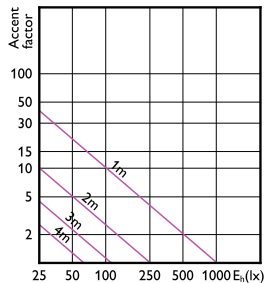
MAS VLE LEDspotLV 35W GU5-3 827 36D MR16



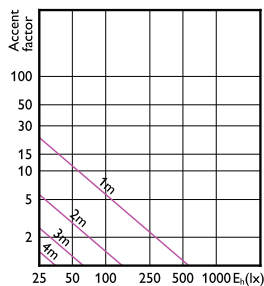
MAS VLE LEDspotLV 35W GU5-3 830 36D MR16



MAS VLE LEDspotLV 35W GU5-3 827 36D MR16



LEDspot MAS VLE 7-50W GU5.3 MR16 827 36D DIM



LEDspot MAS VLE 7-50W GU5.3 MR16 830 36D DIM



LEDspot MAS VLE 7-50W GU5.3 MR16 827 36D DIM



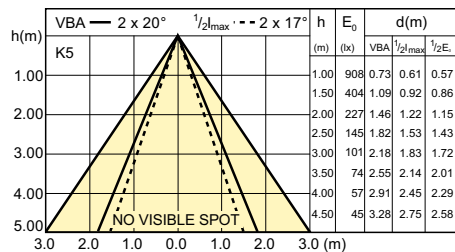
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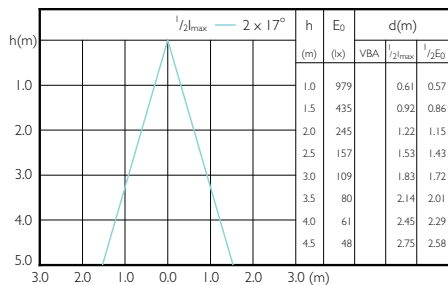
LEDspot MR16 GU5.3

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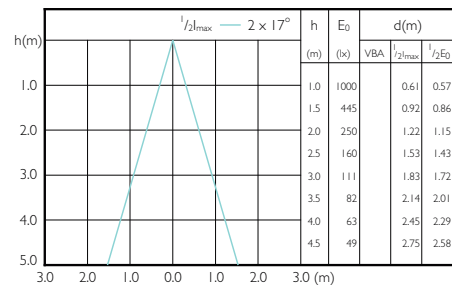
Beam Diagrams



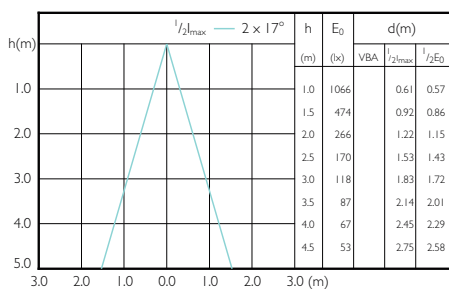
SDBE_LEDspotL_0109-Beam diagram



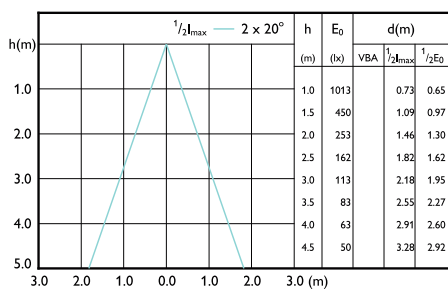
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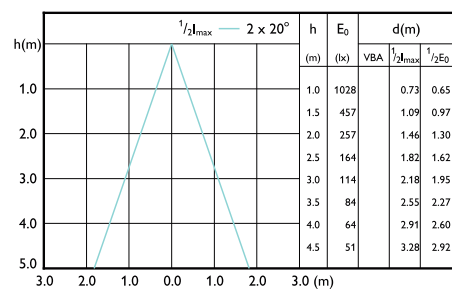
MAS VLE LEDspotLV 35W GU5-3 830 36D MR16



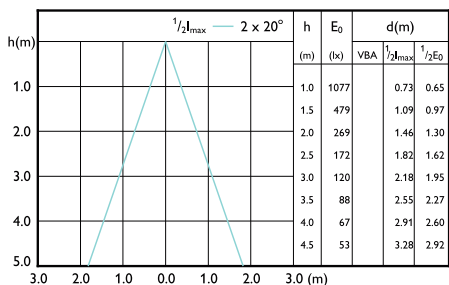
MAS VLE LEDspotLV 35W GU5-3 840 36D MR16



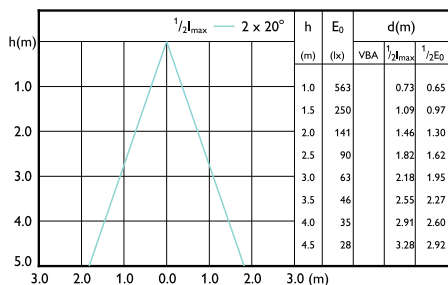
LEDspot MAS VLE 7-50W GU5.3 MR16 827 36D DIM



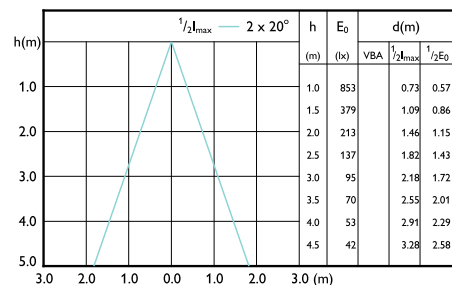
LEDspot MAS VLE 7-50W GU5.3 MR16 830 36D DIM



LEDspot MAS VLE 7-50W GU5.3 MR16 840 36D DIM



LEDspot MAS 5-35W GU5.3 MR16 822-827 36D DIM



LEDSpot MR16 GU5.3

