



The perfect replacement for mains voltage halogen spots

MASTER VALUE LEDspot MV

Delivering a warm, halogen-like accent beam, MASTER LEDspot MV is a perfect fit for spot lighting (track, corridors, lift lobbies, display cases and cabinets) in the hospitality industry. It is particularly suitable to public areas where the light is on 24/7, such as lobbies, corridors, stairwells. MASTER LEDspot MV delivers huge energy savings and minimizes maintenance cost without any compromise on brightness, enabling hospitality owners to achieve a return on their investment within one year. These LEDspots are compatible with most existing fixtures with a GU10 holder and designed as a retrofit replacement for halogen or incandescent spots. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

Benefits

- Up to 80% energy saving compared with halogen lamps
- Retrofittable
- Lower maintenance costs

Features

- Compatible with an extensive range of dimmers
- Lifetime of 40000 hours
- Clearly defined beam spread
- UV- and IR-free light for less heat and protection for heat-sensitive objects

Application

- Hotels, restaurants, bars, cafés
- Lobbies, corridors, stairwells, washrooms, reception areas

MASTER VALUE LEDspot MV

Warnings and Safety

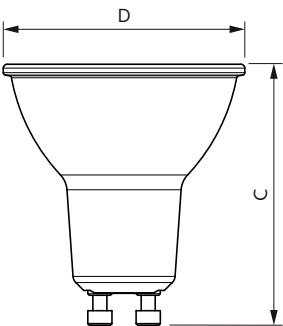
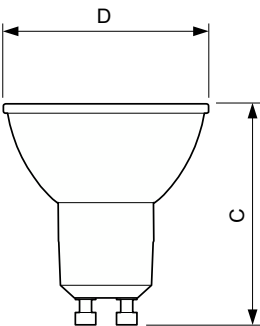
- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

Versions



LEDspot Corepro GU10 PAR16

Dimensional drawing



Product	D	C
MAS LED spot VLE D 3.7-35W GU10 930 36D	50 mm	54 mm
MAS LED spot VLE D 3.7-35W GU10 940 36D	50 mm	54 mm
MAS LED spot VLE D 3.7-35W GU10 940 60D	50 mm	54 mm
MAS LED spot VLE D 4.9-50W GU10 927 60D	50 mm	54 mm
MAS LED spot VLE D 4.9-50W GU10 930 36D	50 mm	54 mm
MAS LED spot VLE D 4.9-50W GU10 930 60D	50 mm	54 mm
MAS LED spot VLE D 4.9-50W GU10 940 36D	50 mm	54 mm
MAS LED spot VLE D 4.9-50W GU10 940 60D	50 mm	54 mm
MAS LED spot VLE D 6.2-80W GU10 930 36D	50 mm	54 mm
MAS LED spot VLE D 6.2-80W GU10 940 36D	50 mm	54 mm
MAS LED spot VLE D 6.2-80W GU10 965 36D	50 mm	54 mm
MAS LED spot VLE D 650lm GU10 930 120D	50 mm	54 mm
MAS LED spot VLE D 680lm GU10 940 120D	50 mm	54 mm
MAS LED spot VLE D 680lm GU10 965 120D	50 mm	54 mm
MAS LED spot VLE DT 4.9-50W GU10 927 36D	50 mm	54 mm

Product	D	C
MAS LED spot VLE D 3.7-35W GU10 927 36D	50 mm	54 mm
MAS LED spot VLE D 3.7-35W GU10 927 60D	50 mm	54 mm
MAS LED spot VLE D 3.7-35W GU10 930 60D	50 mm	54 mm
MAS LED spot VLE D 4.8-50W GU10 927 36D	50 mm	54 mm
MAS LED spot VLE DT 3.7-35W GU10 927 36D	50 mm	54 mm
MAS LEDspot VLE D 4.7-50W GU10 82736D5CT	50 mm	54 mm
MAS LEDspot VLE D 4.7-50W GU10 83036D5CT	50 mm	54 mm

MASTER VALUE LEDspot MV

General Information

Cap-Base	GU10
Switching Cycle	50,000
Nominal lifetime	25,000 hour(s)

Light Technical

LLMF At End Of Nominal Lifetime (Nom)	70 %
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Operating and Electrical

Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s

Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Bulb Shape	PAR16
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Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Color Code
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	36 degree(s)	4000 K	90	940
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	36 degree(s)	3000 K	90	930
70607400	MASTER LED spot VLE D 6.2-80W GU10 965 36D	36 degree(s)	6500 K	90	6500
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	120 degree(s)	3000 K	90	930
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	120 degree(s)	4000 K	90	940
70613500	MASTER LED spot VLE D 680lm GU10 965 120D	120 degree(s)	6500 K	90	6500
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	36 degree(s)	3000 K	90	930
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	36 degree(s)	4000 K	90	940
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	60 degree(s)	4000 K	90	940
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	36 degree(s)	3000 K	90	930
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	36 degree(s)	4000 K	90	940
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	60 degree(s)	2700 K	90	927
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	60 degree(s)	3000 K	90	930
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	60 degree(s)	4000 K	90	940
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	36 degree(s)	2700 K	90	922-927
30811400	MASTER LED spot VLE D 3.7-35W GU10 927 36D	36 degree(s)	2700 K	90	927
31228900	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	36 degree(s)	2200 K	90	922-927
31226500	MASTER LED spot VLE D 3.7-35W GU10 927 60D	60 degree(s)	2700 K	90	927
31230200	MASTER LED spot VLE D 3.7-35W GU10 930 60D	60 degree(s)	3000 K	90	930
30813800	MASTER LED spot VLE D 4.8-50W GU10 927 36D	36 degree(s)	2700 K	90	927
31212800	MASTER LEDspot VLE D 4.7-50W GU10 82736D5CT	36 degree(s)	2700 K	80	827
31214200	MASTER LEDspot VLE D 4.7-50W GU10 83036D5CT	36 degree(s)	3000 K	80	830

Light Technical (2/2)

MASTER VALUE LEDspot MV

Order Code	Full Product Name	Luminous Flux	Luminous	
			Intensity (Nom)	
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	575 lm	850 cd	
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	575 lm	850 cd	
70607400	MASTER LED spot VLE D 6.2-80W GU10 965 36D	575 lm	850 cd	
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	650 lm	200 cd	
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	680 lm	200 cd	
70613500	MASTER LED spot VLE D 680lm GU10 965 120D	680 lm	200 cd	
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	270 lm	500 cd	
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	285 lm	500 cd	
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	285 lm	350 cd	
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	365 lm	650 cd	
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	380 lm	700 cd	

Order Code	Full Product Name	Luminous Flux	Luminous	
			Intensity (Nom)	
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	355 lm	400 cd	
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	365 lm	400 cd	
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	380 lm	400 cd	
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	355 lm	650 cd	
30811400	MASTER LED spot VLE D 3.7-35W GU10 927 36D	270 lm	500 cd	
31228900	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	270 lm	500 cd	
31226500	MASTER LED spot VLE D 3.7-35W GU10 927 60D	270 lm	300 cd	
31230200	MASTER LED spot VLE D 3.7-35W GU10 930 60D	270 lm	300 cd	
30813800	MASTER LED spot VLE D 4.8-50W GU10 927 36D	355 lm	650 cd	
31212800	MASTER LEDspot VLE D 4.7-50W GU10 82736D5CT	345 lm	650 cd	
31214200	MASTER LEDspot VLE D 4.7-50W GU10 83036D5CT	345 lm	650 cd	

Operating and Electrical

Order Code	Full Product Name	Power	Wattage
		Consumption	Equivalent
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	6.2 W	80 W
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	6.2 W	80 W
70607400	MASTER LED spot VLE D 6.2-80W GU10 965 36D	6.2 W	80 W
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	6.2 W	-
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	6.2 W	-
70613500	MASTER LED spot VLE D 680lm GU10 965 120D	6.2 W	-
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	3.7 W	35 W
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	3.7 W	35 W
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	3.7 W	35 W
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	4.9 W	50 W
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	4.9 W	50 W

Order Code	Full Product Name	Power	Wattage
		Consumption	Equivalent
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	4.9 W	50 W
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	4.9 W	50 W
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	4.9 W	50 W
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	4.9 W	50 W
30811400	MASTER LED spot VLE D 3.7-35W GU10 927 36D	3.7 W	35 W
31228900	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	3.7 W	35 W
31226500	MASTER LED spot VLE D 3.7-35W GU10 927 60D	3.7 W	35 W
31230200	MASTER LED spot VLE D 3.7-35W GU10 930 60D	3.7 W	35 W
30813800	MASTER LED spot VLE D 4.8-50W GU10 927 36D	4.8 W	50 W
31212800	MASTER LEDspot VLE D 4.7-50W GU10 82736D5CT	4.7 W	50 W
31214200	MASTER LEDspot VLE D 4.7-50W GU10 83036D5CT	4.7 W	50 W

Temperature

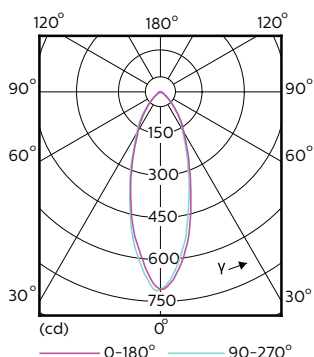
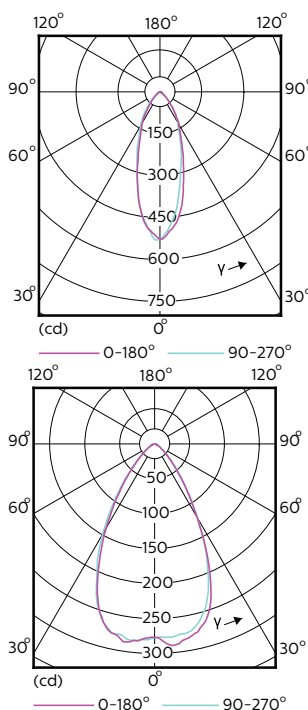
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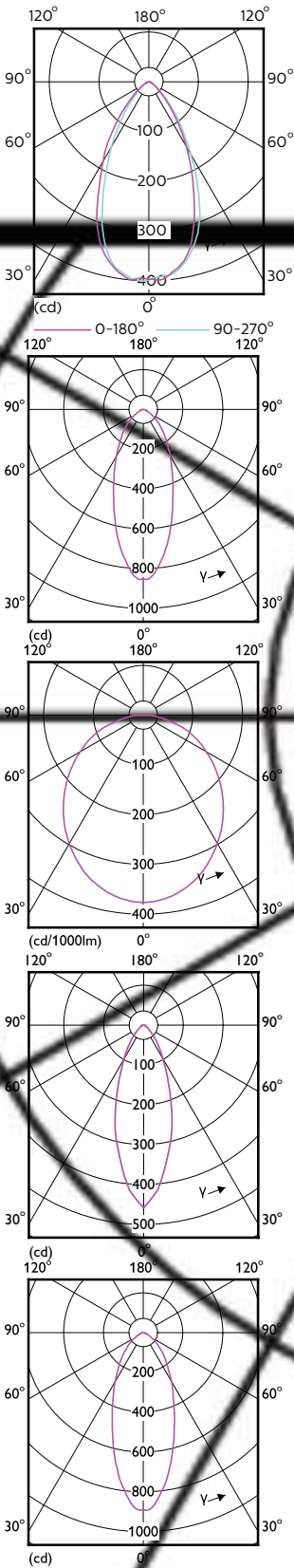
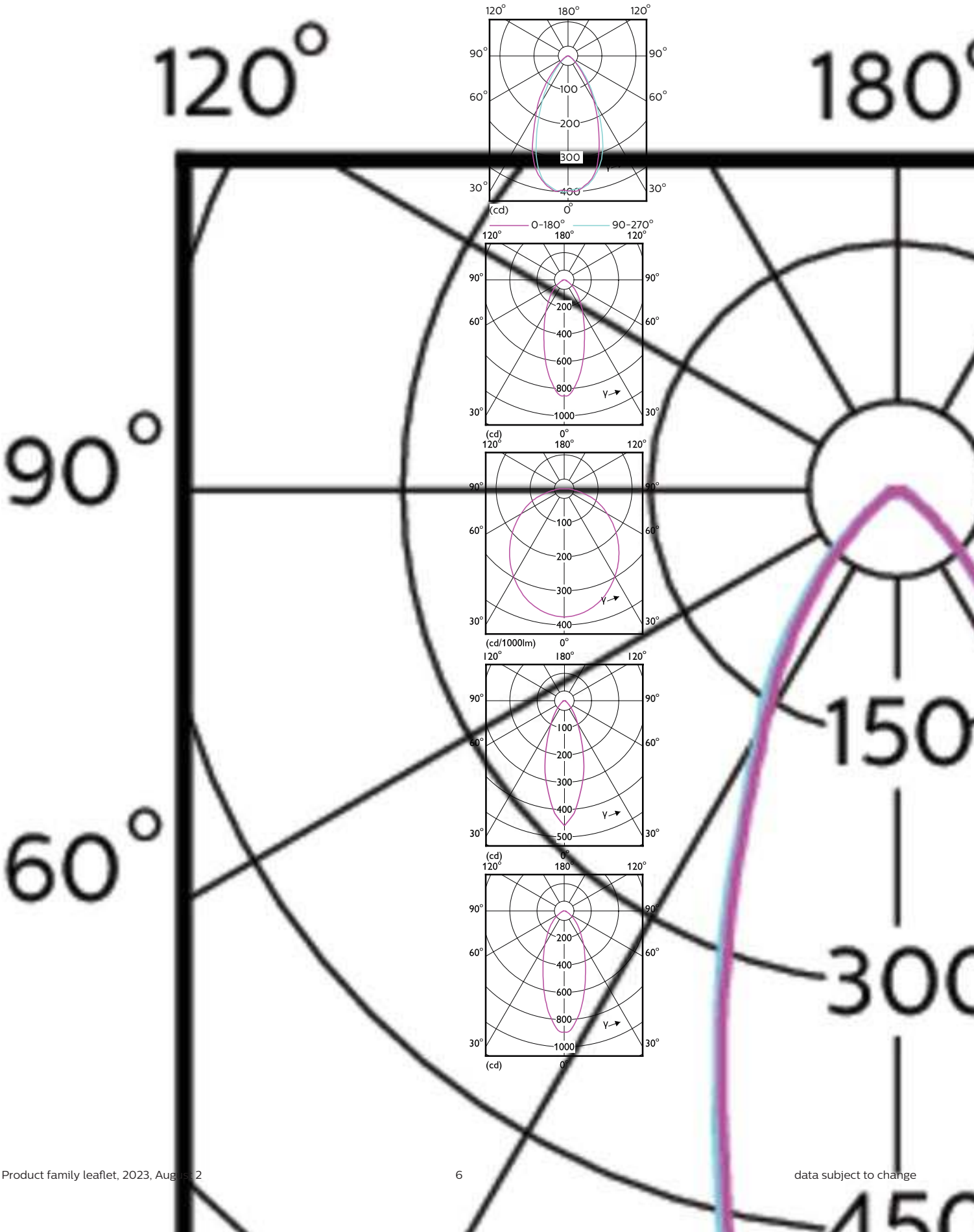
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70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	80 °C
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	80 °C
70607400	MASTER LED spot VLE D 6.2-80W GU10 965 36D	80 °C
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	80 °C
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	80 °C
70613500	MASTER LED spot VLE D 680lm GU10 965 120D	80 °C
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	80 °C
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	80 °C
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	80 °C
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	80 °C
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	80 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	80 °C
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	80 °C
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	80 °C
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	80 °C
30811400	MASTER LED spot VLE D 3.7-35W GU10 927 36D	70 °C
31228900	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	70 °C
31226500	MASTER LED spot VLE D 3.7-35W GU10 927 60D	70 °C
31230200	MASTER LED spot VLE D 3.7-35W GU10 930 60D	70 °C
30813800	MASTER LED spot VLE D 4.8-50W GU10 927 36D	80 °C
31212800	MASTER LEDspot VLE D 4.7-50W GU10 82736D5CT	80 °C
31214200	MASTER LEDspot VLE D 4.7-50W GU10 83036D5CT	80 °C

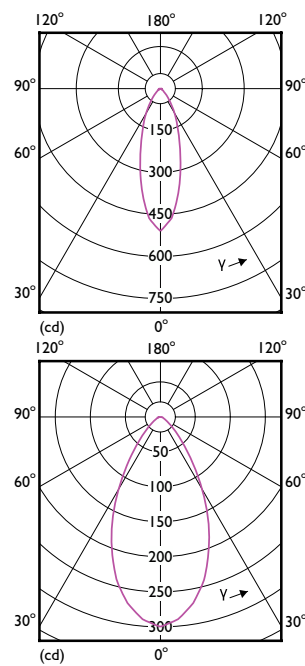
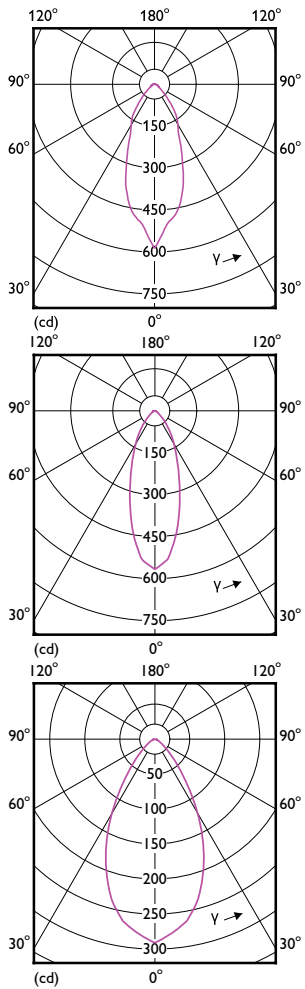
Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	7 kWh
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	7 kWh
70607400	MASTER LED spot VLE D 6.2-80W GU10 965 36D	7 kWh
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	7 kWh
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	7 kWh
70613500	MASTER LED spot VLE D 680lm GU10 965 120D	7 kWh
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	4 kWh
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	4 kWh
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	4 kWh
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	5 kWh
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	5 kWh
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	5 kWh
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	5 kWh
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	5 kWh
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	5 kWh
30811400	MASTER LED spot VLE D 3.7-35W GU10 927 36D	4 kWh
31228900	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	4 kWh
31226500	MASTER LED spot VLE D 3.7-35W GU10 927 60D	4 kWh
31230200	MASTER LED spot VLE D 3.7-35W GU10 930 60D	4 kWh
30813800	MASTER LED spot VLE D 4.8-50W GU10 927 36D	5 kWh
31212800	MASTER LEDspot VLE D 4.7-50W GU10 82736D5CT	5 kWh
31214200	MASTER LEDspot VLE D 4.7-50W GU10 83036D5CT	5 kWh

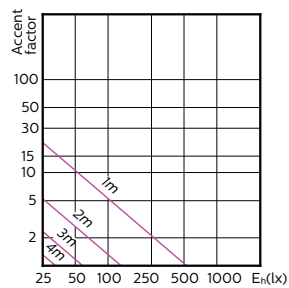




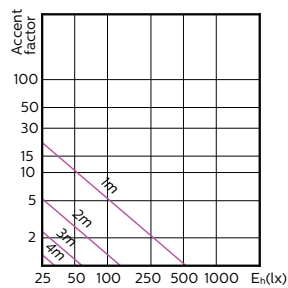
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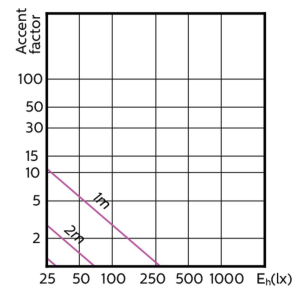
Accent Diagrams



Accent Diagram - MAS LED spot VLE DT
4.9-50W GU10 927 36D

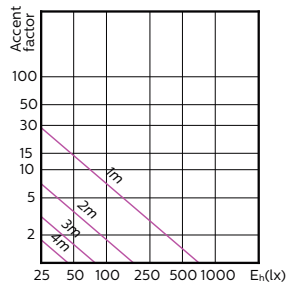


Accent Diagram - MAS LED spot VLE D 3.7-35W
GU10 940 36D

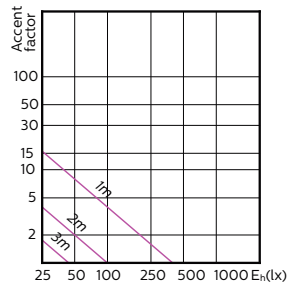


**Accent Diagram - MAS LED spot VLE D 3.7-35W
GU10 940 60D**

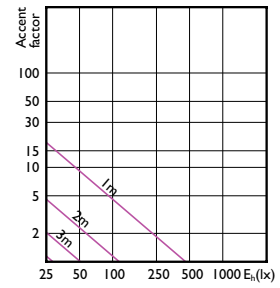
Accent Diagrams



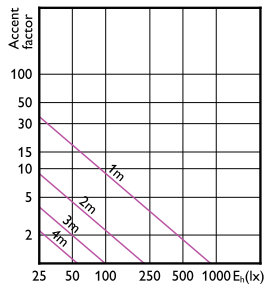
Accent Diagram - MAS LED spot VLE D
4.9-50W GU10 930 36D



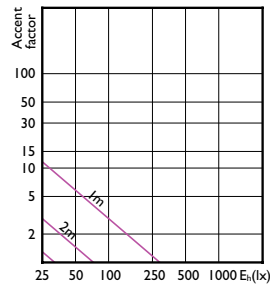
Accent Diagram - MAS LED spot VLE D
4.9-50W GU10 927 60D



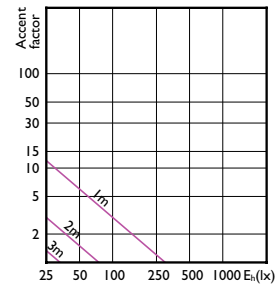
Accent Diagram - MAS LED spot VLE DT
3.7-35W GU10 927 36D



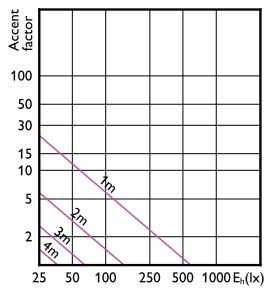
Accent Diagram - MAS LED spot VLE D 6.2-80W
GU10 940 36D



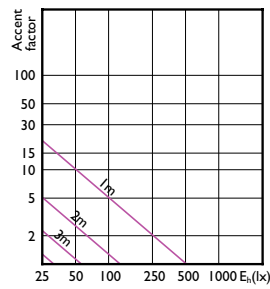
Accent Diagram - MAS LED spot VLE D 3.7-35W
GU10 927 60D



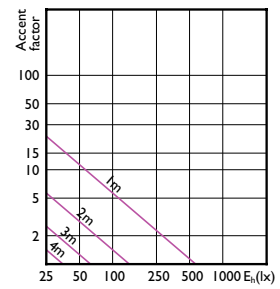
Accent Diagram - MAS LED spot VLE D 3.7-35W
GU10 930 60D



Accent Diagram - MAS LEDspot VLE D 4.7-50W
GU10 83036D5CT



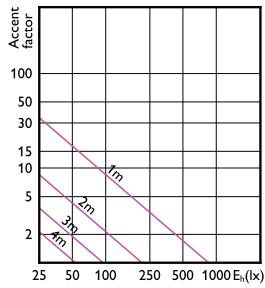
Accent Diagram - MAS LED spot VLE D 3.7-35W
GU10 927 36D



Accent Diagram - MAS LED spot VLE D 4.8-50W
GU10 927 36D

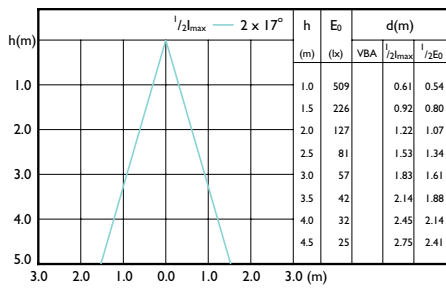
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Accent Diagrams

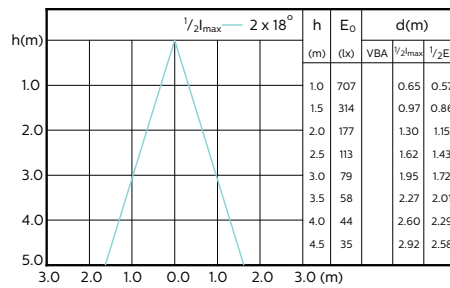


Accent Diagram - MAS LED spot VLE D 6.2-80W
GU10 930 36D

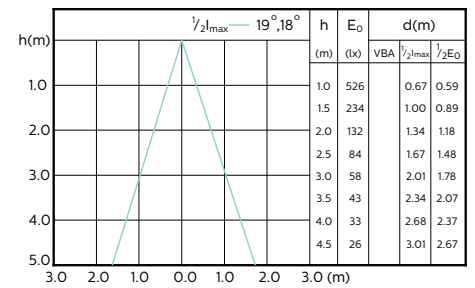
Beam Diagrams



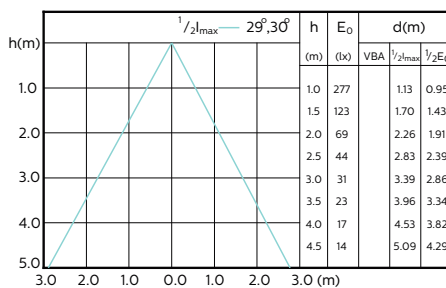
Beam diagram - MAS LED spot VLE D 3.7-35W
GU10 927 36D



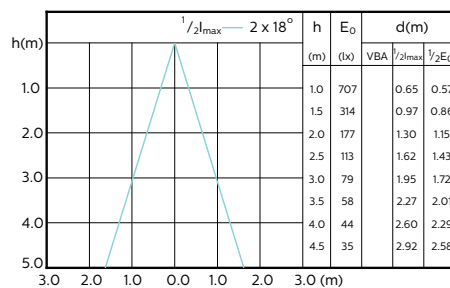
Beam diagram - MAS LED spot VLE DT 4.9-50W
GU10 927 36D



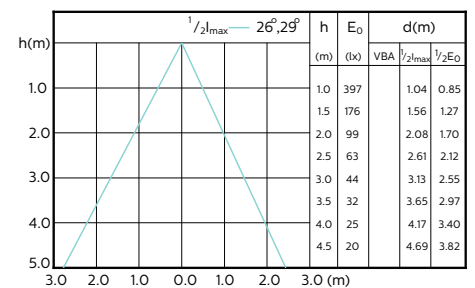
Beam diagram - MAS LED spot VLE D 3.7-35W
GU10 940 36D



Beam diagram - MAS LED spot VLE D 3.7-35W
GU10 940 60D



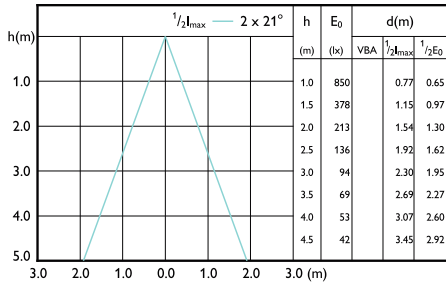
Beam diagram - MAS LED spot VLE D 4.9-50W
GU10 930 36D



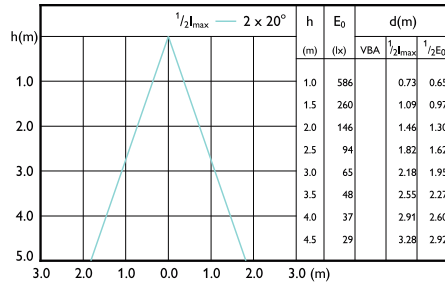
Beam diagram - MAS LED spot VLE D 4.9-50W
GU10 927 60D

MASTER VALUE LEDspot MV

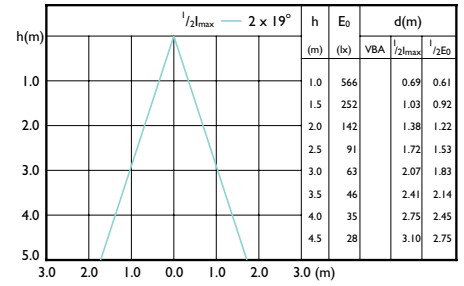
Beam Diagrams



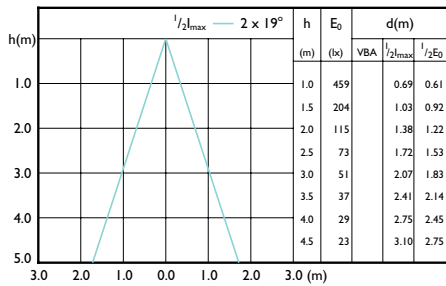
Beam diagram - MAS LED spot VLE D 6.2-80W
GU10 930 36D



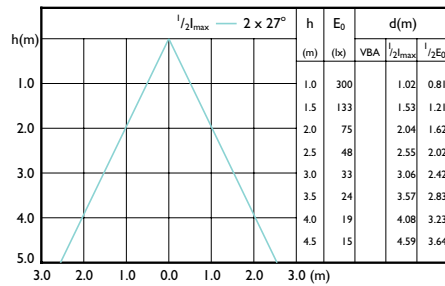
Beam diagram - MAS LEDspot VLE D 4.7-50W
GU10 83036D5CT



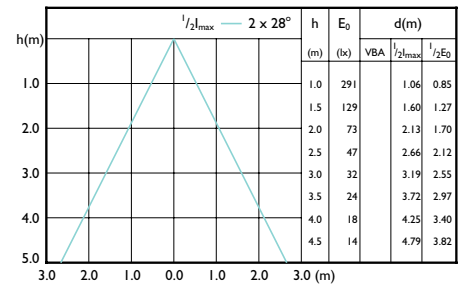
Beam diagram - MAS LED spot VLE D 4.8-50W
GU10 927 36D



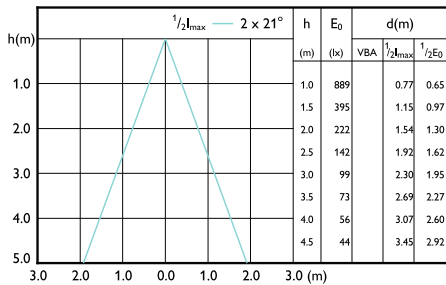
Beam diagram - MAS LED spot VLE DT 3.7-35W
GU10 927 36D



Beam diagram - MAS LED spot VLE D 3.7-35W
GU10 930 60D



Beam diagram - MAS LED spot VLE D 3.7-35W
GU10 927 60D



Beam diagram - MAS LED spot VLE D 6.2-80W
GU10 940 36D

MASTER VALUE LEDspot MV

