



The perfect replacement for mains voltage halogen spots

MASTER LEDspot MV Value

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 minimises 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. For environments where the right atmosphere needs to be created (e.g. bars and restaurants), the “DimTone” feature could be useful. This is a LED feature that creates a warmer tone once light is dimmed down to lower intensities.

Benefits

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

Features

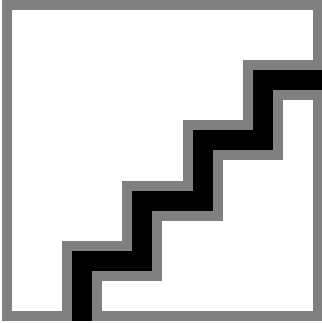
- Compatible with an extensive range of dimmers
- Lifetime of 25,000 to 45,000 hours
- Clearly defined beam spread
- UV- and IR-free light for less heat and protection for heat-sensitive objects

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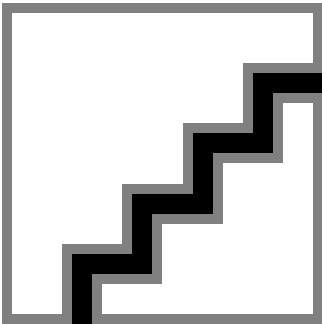
Application

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

Versions



Dimensional drawing



Product	D	C
Master LED 5-50W GU10 940 36D Dim	50 mm	54 mm
Master LED 5-50W GU10 930 36D Dim	50 mm	54 mm
Master LED 5-50W GU10 927 36D Dim	50 mm	54 mm
MAS LED spot VLE D 6.2-80W GU10 930 36D	50 mm	54 mm
MAS LED spot VLE D 650lm GU10 930 120D	50 mm	54 mm
MAS LED spot VLE D 6.2-80W GU10 965 36D	50 mm	54 mm
MAS LED spot VLE D 680lm GU10 940 120D	50 mm	54 mm
MAS LED spot VLE D 6.2-80W GU10 940 36D	50 mm	54 mm
MAS LED spot VLE D 680lm GU10 965 120D	50 mm	54 mm
MAS LED spot VLE D 6.2-80W GU10 927 36D	50 mm	54 mm
MAS LED spot VLE DT 6.2-80W GU10 927 36D	50 mm	56 mm

MASTER LEDspot MV Value

Controls and Dimming	
Dimmable	Yes
Operating and Electrical	
Input Frequency	50 to 60 Hz
Voltage (Nom)	220-240 V
Starting Time (Nom)	0.5 s
General Information	
Cap-Base	GU10
Nominal Lifetime (Nom)	25000 h
Rated Lifetime (Hours)	25000 h
Switching Cycle	50000X
Light Technical	
Colour Rendering Index (Nom)	90
Llmf At End Of Nominal Lifetime (Nom)	70 %
Mechanical and Housing	
Bulb Shape	PAR16

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
929001348808	Master LED 5-50W GU10 927 36D Dim	5 kWh	A+
929001348908	Master LED 5-50W GU10 930 36D Dim	5 kWh	A+
929001349008	Master LED 5-50W GU10 940 36D Dim	5 kWh	A+
929002059502	MAS LED spot VLE D 6.2-80W GU10 927 36D	7 kWh	A++
929002065902	MAS LED spot VLE DT 6.2-80W GU10 927 36D	7 kWh	A++
929002066002	MAS LED spot VLE D 6.2-80W GU10 940 36D	7 kWh	A++
929002068402	MAS LED spot VLE D 6.2-80W GU10 930 36D	7 kWh	A++
929002209902	MAS LED spot VLE D 6.2-80W GU10 965 36D	7 kWh	A++
929002210002	MAS LED spot VLE D 650lm GU10 930 120D	7 kWh	A+
929002210102	MAS LED spot VLE D 680lm GU10 940 120D	7 kWh	A+
929002210202	MAS LED spot VLE D 680lm GU10 965 120D	7 kWh	A+

Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001348808	Master LED 5-50W GU10 927 36D Dim	50 W	5 W
929001348908	Master LED 5-50W GU10 930 36D Dim	50 W	5 W
929001349008	Master LED 5-50W GU10 940 36D Dim	50 W	5 W
929002059502	MAS LED spot VLE D 6.2-80W GU10 927 36D	80 W	6.2 W
929002065902	MAS LED spot VLE DT 6.2-80W GU10 927 36D	80 W	6.2 W
929002066002	MAS LED spot VLE D 6.2-80W GU10 940 36D	80 W	6.2 W

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929002068402	MAS LED spot VLE D 6.2-80W GU10 930 36D	80 W	6.2 W
929002209902	MAS LED spot VLE D 6.2-80W GU10 965 36D	80 W	6.2 W
929002210002	MAS LED spot VLE D 650lm GU10 930 120D	-	6.2 W
929002210102	MAS LED spot VLE D 680lm GU10 940 120D	-	6.2 W
929002210202	MAS LED spot VLE D 680lm GU10 965 120D	-	6.2 W

Light Technical (1/2)

Order Code	Full Product Name	Correlated			
		Beam Angle (Nom)	Colour Code	Temperature (Nom)	Luminous Flux (Nom)
929001348808	Master LED 5-50W GU10 927 36D Dim	36 °	927	2700 K	395 lm
929001348908	Master LED 5-50W GU10 930 36D Dim	36 °	930	3000 K	405 lm

Order Code	Full Product Name	Correlated			
		Beam Angle (Nom)	Colour Code	Temperature (Nom)	Luminous Flux (Nom)
929001349008	Master LED 5-50W GU10 940 36D Dim	36 °	940	4000 K	420 lm
929002059502	MAS LED spot VLE D 6.2-80W GU10 927 36D	36 °	927	2700 K	575 lm

MASTER LEDspot MV Value

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Colour		
			Colour Code	Temperature (Nom)	Luminous Flux (Nom)
929002065902	MAS LED spot VLE DT 6.2-80W GU10 927 36D	36 °	922-927	2200-2700 K	575 lm
929002066002	MAS LED spot VLE D 6.2-80W GU10 940 36D	36 °	940	4000 K	575 lm
929002068402	MAS LED spot VLE D 6.2-80W GU10 930 36D	36 °	930	3000 K	575 lm
929002209902	MAS LED spot VLE D 6.2-80W GU10 965 36D	36 °	6500	6500 K	575 lm

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Colour		
			Colour Code	Temperature (Nom)	Luminous Flux (Nom)
929002210002	MAS LED spot VLE D 650lm GU10 930 120D	120 °	930	3000 K	650 lm
929002210102	MAS LED spot VLE D 680lm GU10 940 120D	120 °	940	4000 K	680 lm
929002210202	MAS LED spot VLE D 680lm GU10 965 120D	120 °	6500	6500 K	680 lm

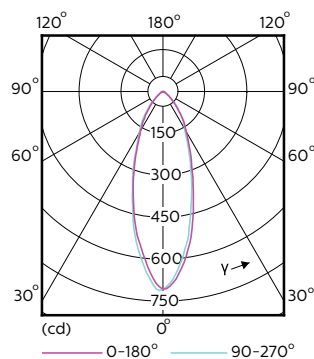
Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)	Luminous Intensity (Nom)	Rated Beam Angle
929001348808	Master LED 5-50W GU10 927 36D Dim	395 lm	650 cd	36 °
929001348908	Master LED 5-50W GU10 930 36D Dim	405 lm	650 cd	36 °
929001349008	Master LED 5-50W GU10 940 36D Dim	420 lm	700 cd	36 °
929002059502	MAS LED spot VLE D 6.2-80W GU10 927 36D	575 lm	850 cd	36 °
929002065902	MAS LED spot VLE DT 6.2-80W GU10 927 36D	575 lm	950 cd	36 °
929002066002	MAS LED spot VLE D 6.2-80W GU10 940 36D	575 lm	850 cd	36 °

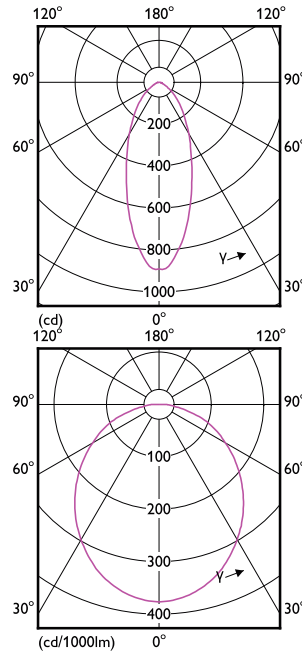
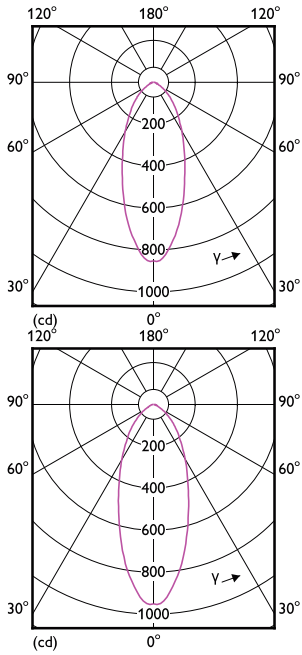
Order Code	Full Product Name	Luminous Flux (Rated) (Nom)	Luminous Intensity (Nom)	Rated Beam Angle
929002068402	MAS LED spot VLE D 6.2-80W GU10 930 36D	575 lm	850 cd	36 °
929002209902	MAS LED spot VLE D 6.2-80W GU10 965 36D	575 lm	850 cd	36 °
929002210002	MAS LED spot VLE D 650lm GU10 930 120D	650 lm	200 cd	120 °
929002210102	MAS LED spot VLE D 680lm GU10 940 120D	680 lm	200 cd	120 °
929002210202	MAS LED spot VLE D 680lm GU10 965 120D	680 lm	200 cd	120 °

Temperature

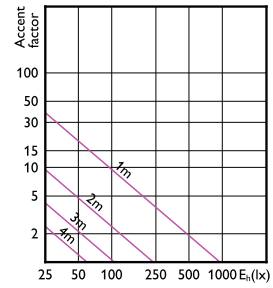
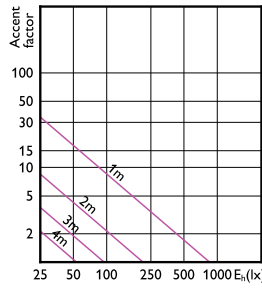
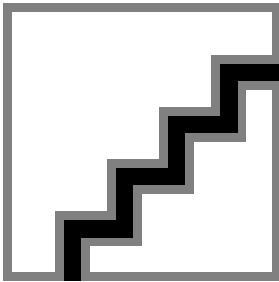
Order Code	Full Product Name	T-Case Maximum (Nom)
929001348808	Master LED 5-50W GU10 927 36D Dim	80 °C
929001348908	Master LED 5-50W GU10 930 36D Dim	80 °C
929001349008	Master LED 5-50W GU10 940 36D Dim	80 °C
929002059502	MAS LED spot VLE D 6.2-80W GU10 927 36D	80 °C
929002065902	MAS LED spot VLE DT 6.2-80W GU10 927 36D	75 °C
929002066002	MAS LED spot VLE D 6.2-80W GU10 940 36D	80 °C
929002068402	MAS LED spot VLE D 6.2-80W GU10 930 36D	80 °C
929002209902	MAS LED spot VLE D 6.2-80W GU10 965 36D	80 °C
929002210002	MAS LED spot VLE D 650lm GU10 930 120D	80 °C
929002210102	MAS LED spot VLE D 680lm GU10 940 120D	80 °C
929002210202	MAS LED spot VLE D 680lm GU10 965 120D	80 °C



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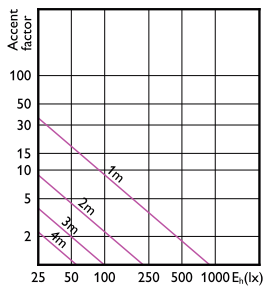
Accent Diagrams



MASTER LEDspotMV 50W GU10 36D 355lm

GU10 7.5-80W 650lm 2700K GU10 D 25khrs

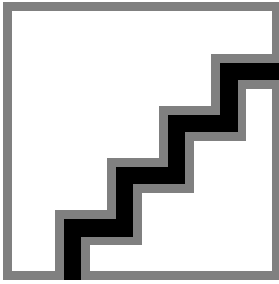
GU10 7.5-80W 650lm 2700K GU10 D 15khrs



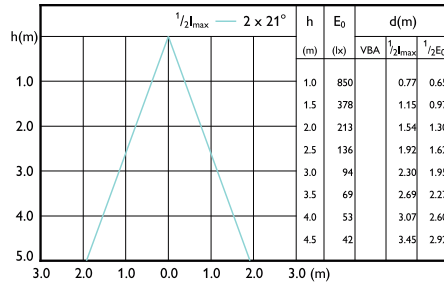
GU10 7.5-80W 680lm 36D 4000K GU10 15khrs

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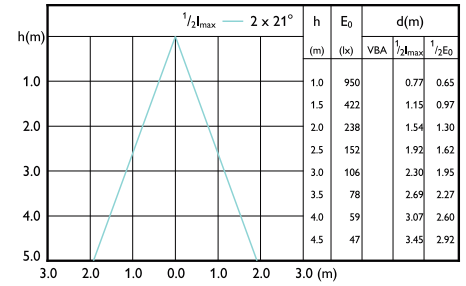
Beam Diagrams



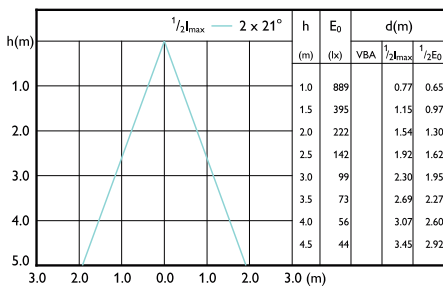
MASTER LEDspotMV 50W GU10 36D 355lm



GU10 7.5-80W 650lm 2700K GU10 D 25khrs



GU10 7.5-80W 650lm 2700K GU10 D 15khrs



GU10 7.5-80W 680lm 36D 4000K GU10 15khrs

