



# An optimum combination of value and performance, MASTER Value LEDspot MV is a perfect fit for spot lighting

## MASTER VALUE LED spot MV

Delivering a warm, halogen-like accent beam, MASTER VALUE is a perfect fit for spot lighting. Thanks to its high CRI, it realizes more natural colors, creating cozy and comfortable ambiances for residential and hospitality projects, and emphasizing the beauty of merchandise in retail. These LED spots MV GU10 have the familiar look and feel of spot lamps, keeping the classic beauty of glass spots and adding the strong performance of LED technology. The dimming function enables you to create the atmosphere you desire, and it works with broad selection of dimmers. MASTER VALUE also offers more energy savings than normal LED spots.

### Benefits

- With MASTER VALUE spotlight up to 80% energy saving compared with halogen lamps
- Best mimic of a halogen spot for atmosphere creation
- Perfect replacement for traditional GU10 lamps

# MASTER VALUE LED spot MV

## Features

- Dimmable range
- Compatible with an extensive range of dimmers
- Patented intelligent driver
- Lifetime of 25,000 hours
- No UV and Cool Beam (no IR), making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings etc.)

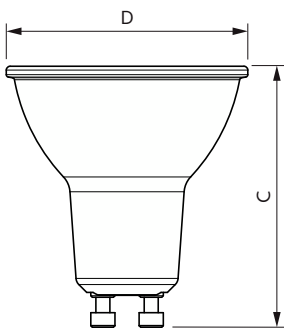
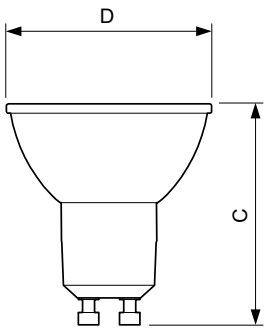
## Application

- Hospitality
- Retail
- Residential

## 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

## Dimensional drawing



Product	D	C
MAS LED spot VLE D 3.7-35W 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 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 DT 6.2-80W GU10 927 36D	50 mm	56 mm
Master LED 4.9-50W GU10 927 36D Dim	50 mm	54 mm
Master LED 4.9-50W GU10 930 36D Dim	50 mm	54 mm
Master LED 4.9-50W GU10 940 36D Dim	50 mm	54 mm

Product	D	C
MAS LED spot VLE D 5.5-80W GU10 940 36D	50 mm	54 mm

# MASTER VALUE LED spot MV

## General Information

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

## Light Technical

Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %

## Operating and Electrical

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

## 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 Code	Luminous Flux
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	36 degree(s)	2700 K	922-927	575 lm
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	36 degree(s)	3000 K	930	575 lm
03823400	MASTER LED spot VLE D 5.5-80W GU10 940 36D	36 degree(s)	4000 K	940	575 lm
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	60 degree(s)	4000 K	940	285 lm
70731900	Master LED 4.9-50W GU10 927 36D Dim	36 degree(s)	2700 K	927	395 lm
75592100	Master LED 4.9-50W GU10 930 36D Dim	36 degree(s)	3000 K	930	405 lm
75594500	Master LED 4.9-50W GU10 940 36D Dim	36 degree(s)	4000 K	940	420 lm
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	120 degree(s)	3000 K	930	650 lm
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	120 degree(s)	4000 K	940	680 lm

## Light Technical (2/2)

Order Code	Full Product Name	Luminous Intensity (Nom)
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	950 cd
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	850 cd
03823400	MASTER LED spot VLE D 5.5-80W GU10 940 36D	1,000 cd
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	350 cd
70731900	Master LED 4.9-50W GU10 927 36D Dim	650 cd

Order Code	Full Product Name	Luminous Intensity (Nom)
75592100	Master LED 4.9-50W GU10 930 36D Dim	650 cd
75594500	Master LED 4.9-50W GU10 940 36D Dim	700 cd
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	200 cd
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	200 cd

## Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power	Wattage
			Consumption	Equivalent
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	50 to 60 Hz	6.2 W	80 W
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	50 to 60 Hz	6.2 W	80 W
03823400	MASTER LED spot VLE D 5.5-80W GU10 940 36D	-	5.5 W	80 W
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	50 to 60 Hz	3.7 W	35 W

Order Code	Full Product Name	Line Frequency	Power	Wattage
			Consumption	Equivalent
70731900	Master LED 4.9-50W GU10 927 36D Dim	50 to 60 Hz	5 W	50 W
75592100	Master LED 4.9-50W GU10 930 36D Dim	50 to 60 Hz	5 W	50 W
75594500	Master LED 4.9-50W GU10 940 36D Dim	50 to 60 Hz	5 W	50 W
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	50 to 60 Hz	6.2 W	-
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	50 to 60 Hz	6.2 W	-

## Temperature

# MASTER VALUE LED spot MV

Order Code	Full Product Name	T-Case Maximum (Nom)
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	75 °C
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	80 °C
03823400	MASTER LED spot VLE D 5.5-80W GU10 940 36D	66 °C
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	80 °C
70731900	Master LED 4.9-50W GU10 927 36D Dim	80 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
75592100	Master LED 4.9-50W GU10 930 36D Dim	80 °C
75594500	Master LED 4.9-50W GU10 940 36D Dim	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

## Controls and Dimming

Order Code	Full Product Name	Dimmable
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	Only with specific dimmers
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	Only with specific dimmers
03823400	MASTER LED spot VLE D 5.5-80W GU10 940 36D	Only with specific dimmers
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	Only with specific dimmers

Order Code	Full Product Name	Dimmable
70731900	Master LED 4.9-50W GU10 927 36D Dim	Only with specific dimmers
75592100	Master LED 4.9-50W GU10 930 36D Dim	Yes
75594500	Master LED 4.9-50W GU10 940 36D Dim	Yes
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	Only with specific dimmers
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	Only with specific dimmers

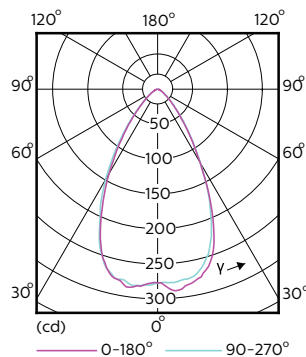
## Mechanical and Housing

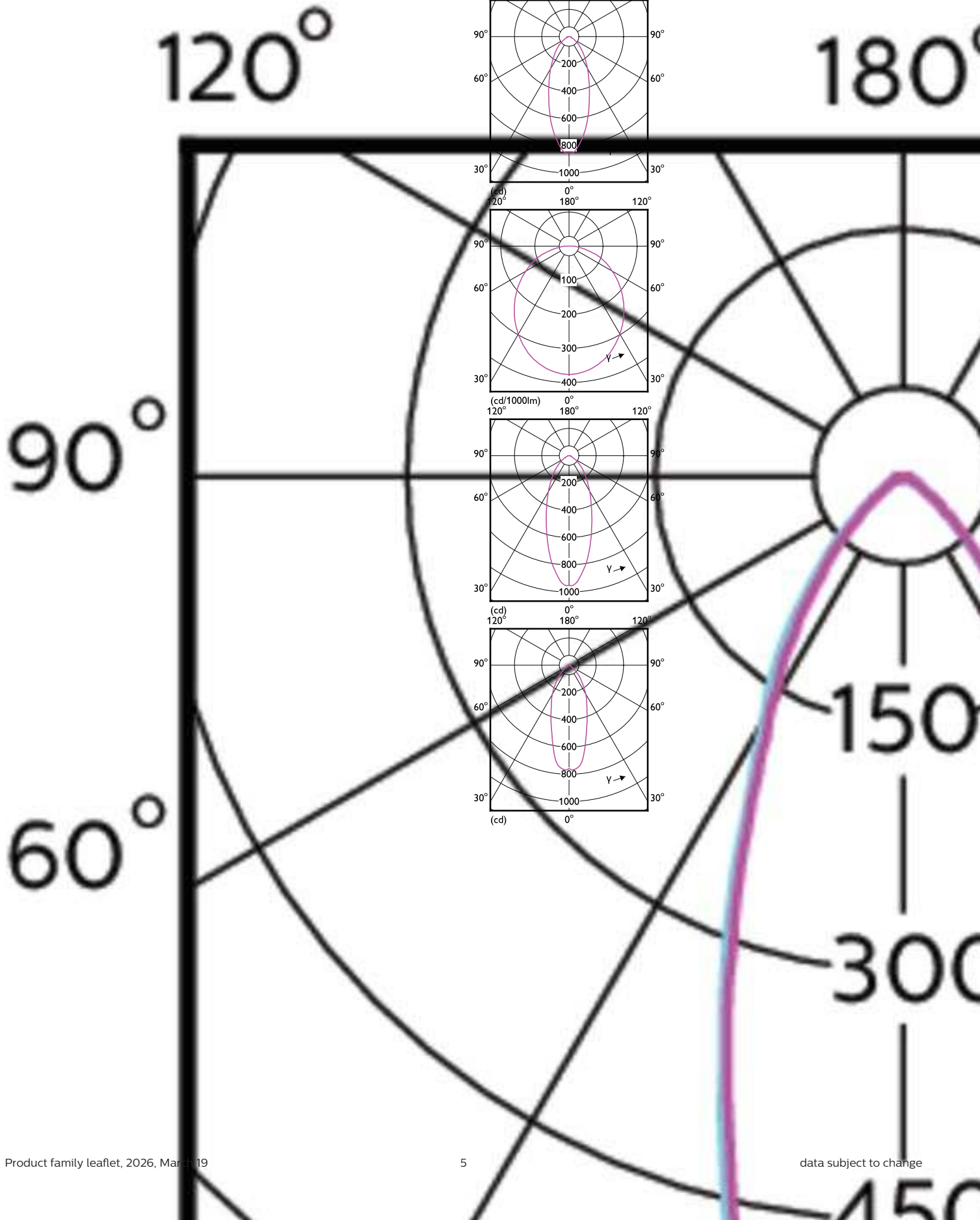
Order Code	Full Product Name	Bulb Finish
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	-
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	-
03823400	MASTER LED spot VLE D 5.5-80W GU10 940 36D	Clear
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	-
70731900	Master LED 4.9-50W GU10 927 36D Dim	-

Order Code	Full Product Name	Bulb Finish
75592100	Master LED 4.9-50W GU10 930 36D Dim	-
75594500	Master LED 4.9-50W GU10 940 36D Dim	-
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	-
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	-

## Approval and Application

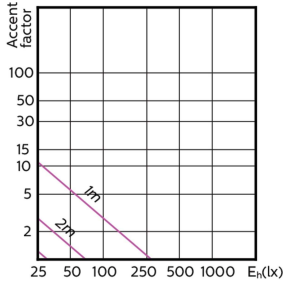
Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	-20 to +45 °C	7 kWh
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	-20 to +45 °C	7 kWh
03823400	MASTER LED spot VLE D 5.5-80W GU10 940 36D	-20 to +45 °C	6 kWh
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	-	4 kWh
70731900	Master LED 4.9-50W GU10 927 36D Dim	-20 °C to 45 °C	5 kWh
75592100	Master LED 4.9-50W GU10 930 36D Dim	-20 °C to 45 °C	5 kWh
75594500	Master LED 4.9-50W GU10 940 36D Dim	-20 °C to 45 °C	5 kWh
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	-20 to +45 °C	7 kWh
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	-20 to +45 °C	7 kWh



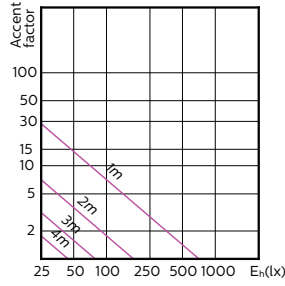


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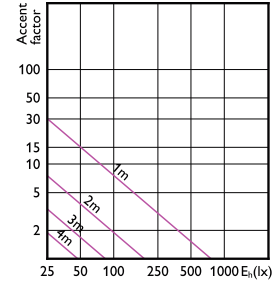
## Accent Diagrams



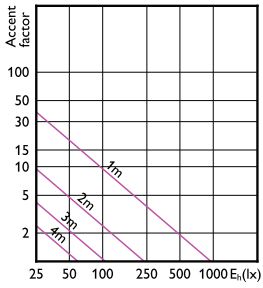
Accent Diagram - MAS LED spot VLE D 3.7-35W GU10 940 60D



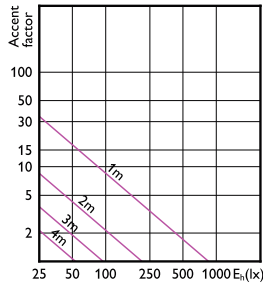
Accent Diagram - Master LED 4.9-50W GU10 930 36D Dim



Accent Diagram - MAS LED spot VLE D 5.5-80W GU10 940 36D

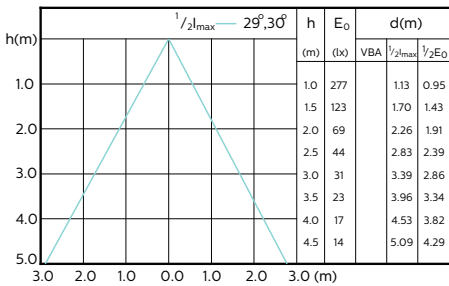


Accent Diagram - MAS LED spot VLE DT 6.2-80W GU10 927 36D

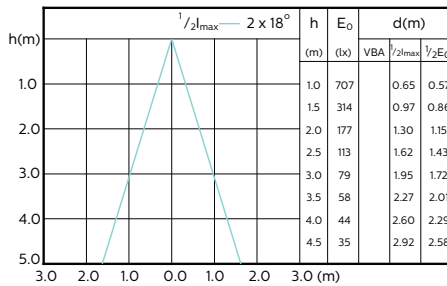


Accent Diagram - MAS LED spot VLE D 6.2-80W GU10 930 36D

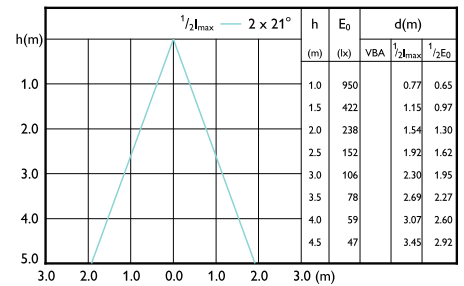
## Beam Diagrams



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



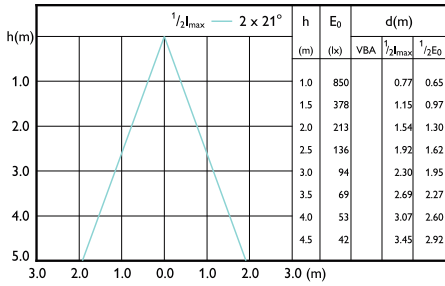
Beam diagram - Master LED 4.9-50W GU10 930 36D Dim



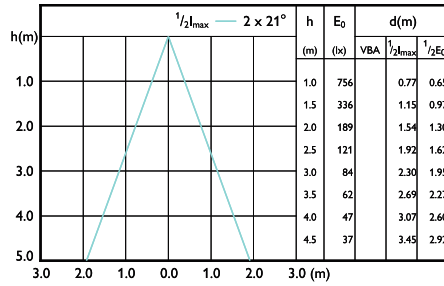
Beam diagram - MAS LED spot VLE DT 6.2-80W GU10 927 36D

# MASTER VALUE LED spot MV

## Beam Diagrams



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



Beam diagram - MAS LED spot VLE D 5.5-80W  
GU10 940 36D

