PHILIPS

Lighting

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

MASTER VALUE LEDspot 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 ambiences 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 that 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 LEDspot 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.)

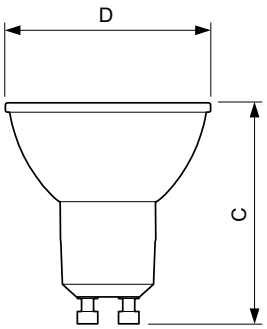
Application

- 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
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

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General Information	
Cap-Base	GU10
Switching Cycle	50,000
Nominal lifetime	25,000 h

Light Technical	
Beam Angle (Nom)	36 degree(s)
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Power Consumption	5 W
Starting Time (Nom)	0.5 s
Wattage Equivalent	50 W

Temperature	
T-Case Maximum (Nom)	80 °C

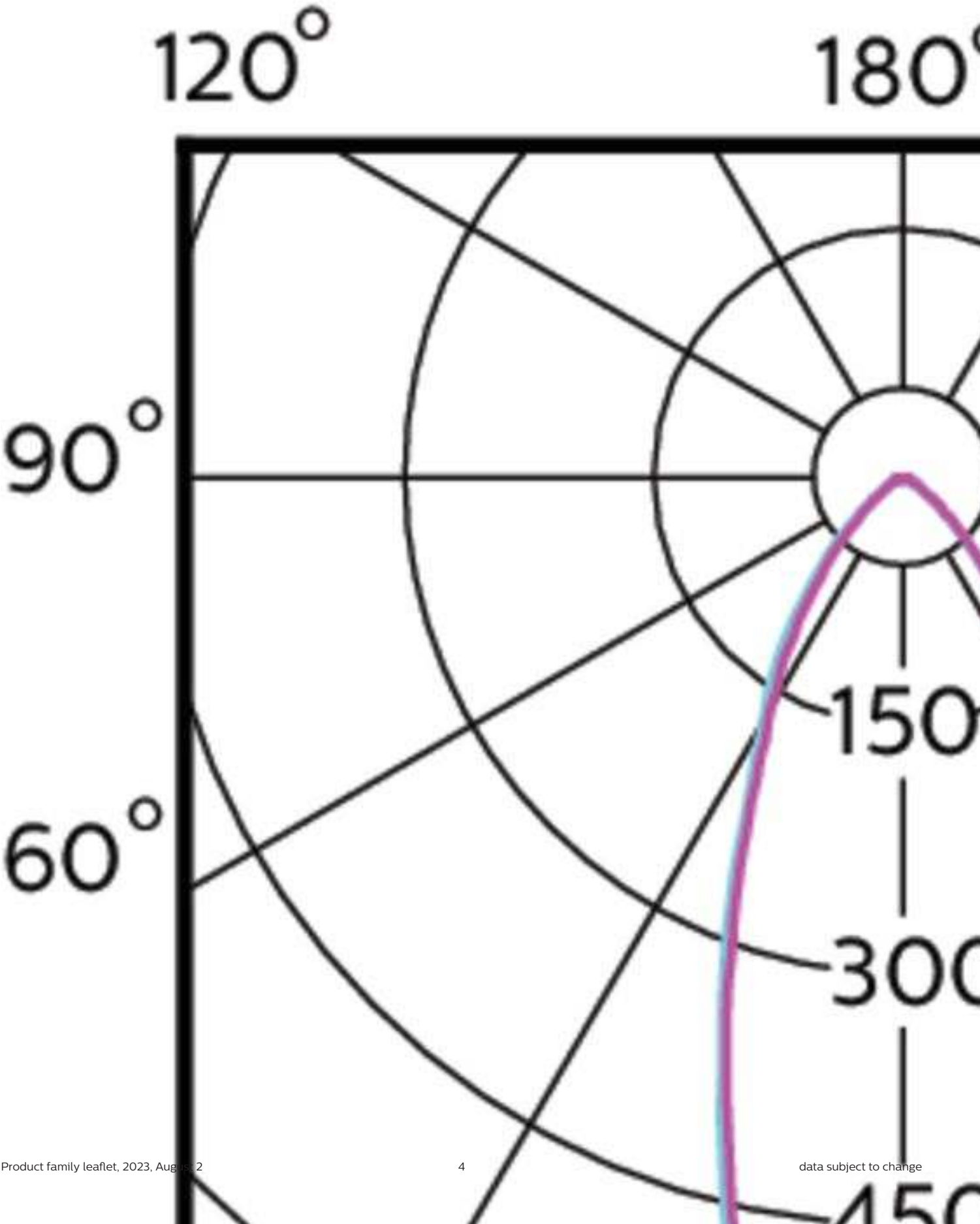
Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Shape	PAR16

Approval and Application	
Energy Consumption kWh/1000 h	5 kWh

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code	Luminous Flux	Luminous Intensity (Nom)
929001348808	Master LED 4.9-50W GU10 927 36D Dim	2700 K	927	395 lm	650 cd
929001348908	Master LED 4.9-50W GU10 930 36D Dim	3000 K	930	405 lm	650 cd
929001349008	Master LED 4.9-50W GU10 940 36D Dim	4000 K	940	420 lm	700 cd


120°
180°
90°
60°
150
300

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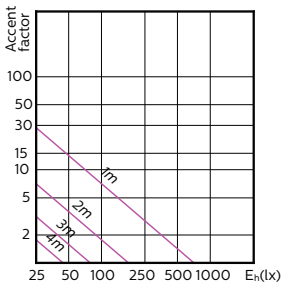
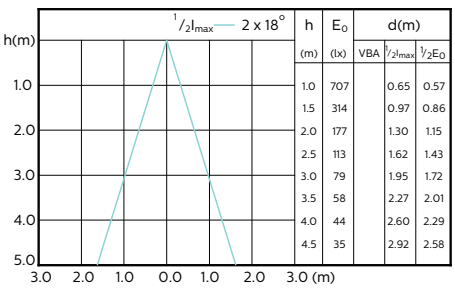
Accent Diagrams



Accent Diagram - Master LED 4.9-50W GU10 940 36D Dim

Beam Diagrams



h (m)	E_0 (lx)	d(m) VBA	d(m) $^1/_2I_{max}$	d(m) $^1/_2E_0$
1.0	707		0.65	0.57
1.5	314		0.97	0.86
2.0	177		1.30	1.15
2.5	113		1.62	1.43
3.0	79		1.95	1.72
3.5	58		2.27	2.01
4.0	44		2.60	2.29
4.5	35		2.92	2.58

Beam diagram - Master LED 4.9-50W GU10 940 36D Dim

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