



Our most efficient LED Spot

MASTER LEDspot GU10 UltraEfficient

With Philips Ultra Efficient GU10 LED spots, you have the perfect retrofit lamp to help your customers save energy and money with high quality, long-lasting and ultra energy-efficient LED.

Benefits

- Create warm and comfortable ambience
- A hassle-free retrofit solution for greater energy efficiency and sustainability
- Interior decor, furnishings and fabrics look great

Features

- Customised colour spectrum replicates halogen light colour
- Easy retrofitable with GU10 socket
- Long lifetime of 50,000 hours

Application

- Hospitality: hotel guest rooms, corridors, lobbies, reception areas, restaurants, bars, cafes
- Home: living room, bedrooms, hallway
- Retail: exhibitions, display cabinets, shops, dressing rooms

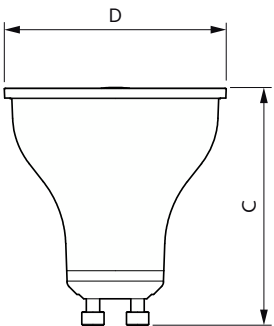
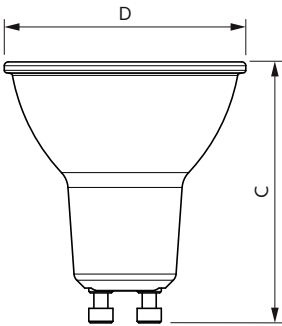
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Versions



LEDspots EU3 PR16 GU10

Dimensional drawing



Product	D	C
MAS LEDspot UE 2.1-50W GU10 ND 827 EELA	50 mm	54 mm
MAS LEDspot UE 2.1-50W GU10 ND 830 EELA	50 mm	54 mm
MAS LEDspot UE 2.1-50W GU10 ND 840 EELA	50 mm	54 mm

Product	D	C
MAS LEDspot UE 2.4-50W GU10 ND 840 EELB	50 mm	54 mm

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General Information

Cap base	GU10
Switching Cycle	50,000
Nominal lifetime	50,000 h

Light Technical

Beam angle (nom.)	36 degree(s)
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical

Input frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting time (nom.)	0.5 s
Wattage equivalent	50 W

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Clear
Bulb shape	PAR16

Approval and Application

Energy consumption kWh/1,000 hours	3 kWh
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Light Technical

Order Code	Full Product Name	Correlated Colour Temperature	Colour Code	Luminous Flux	Luminous intensity (nom.)
42178300	MAS LEDspot UE 2.4-50W GU10 ND 840 EELB	4000 K	840	380 lm	950 cd
17434400	MAS LEDspot UE 2.1-50W GU10 ND 830 EELA	3000 K	830	375 lm	680 cd
17436800	MAS LEDspot UE 2.1-50W GU10 ND 840 EELA	4000 K	840	375 lm	680 cd
19485400	MAS LEDspot UE 2.1-50W GU10 ND 827 EELA	2700 K	827	375 lm	680 cd

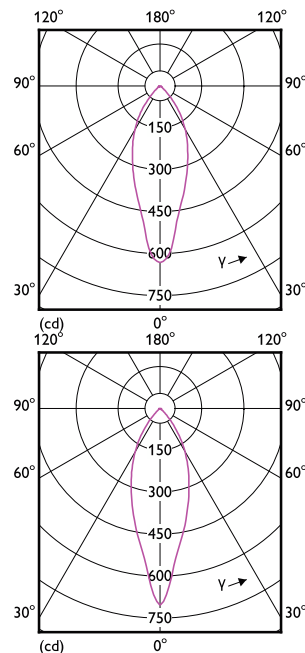
Operating and Electrical

Order Code	Full Product Name	Power Consumption
42178300	MAS LEDspot UE 2.4-50W GU10 ND 840 EELB	2.4 W
17434400	MAS LEDspot UE 2.1-50W GU10 ND 830 EELA	2.1 W

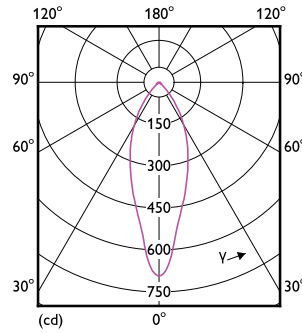
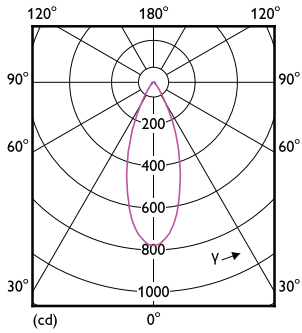
Order Code	Full Product Name	Power Consumption
17436800	MAS LEDspot UE 2.1-50W GU10 ND 840 EELA	2.1 W
19485400	MAS LEDspot UE 2.1-50W GU10 ND 827 EELA	2.1 W

Temperature

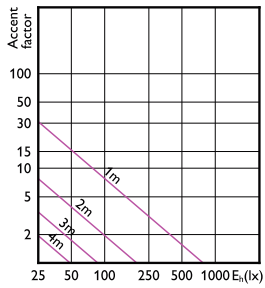
Order Code	Full Product Name	Ambient temperature range	T-Case maximum (nom.)
42178300	MAS LEDspot UE 2.4-50W GU10 ND 840 EELB	-20°C to 45°C	55 °C
17434400	MAS LEDspot UE 2.1-50W GU10 ND 830 EELA	-20 to +45 °C	50 °C
17436800	MAS LEDspot UE 2.1-50W GU10 ND 840 EELA	-20 to +45 °C	50 °C
19485400	MAS LEDspot UE 2.1-50W GU10 ND 827 EELA	-20 to +45 °C	50 °C



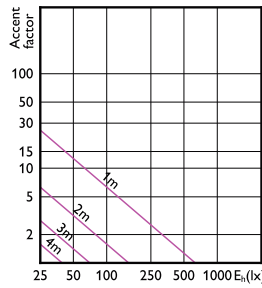
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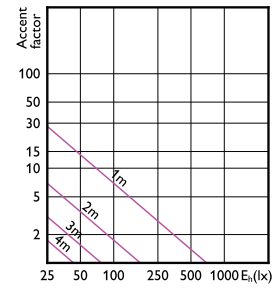
Accent Diagrams



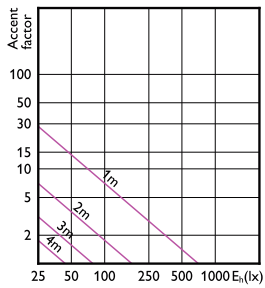
Accent Diagram - MAS LEDspot UE 2.4-50W
GU10 ND 840 EELB



Accent Diagram - MAS LEDspot UE 2.1-50W
GU10 ND 830 EELA



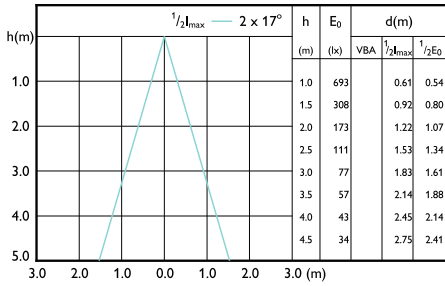
Accent Diagram - MAS LEDspot UE 2.1-50W
GU10 ND 840 EELA



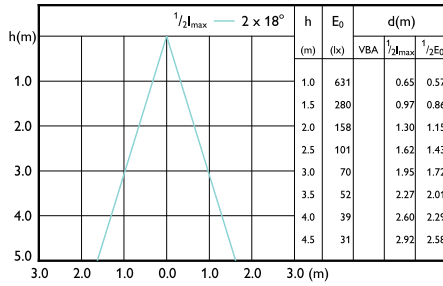
Accent Diagram - MAS LEDspot UE 2.1-50W
GU10 ND 827 EELA

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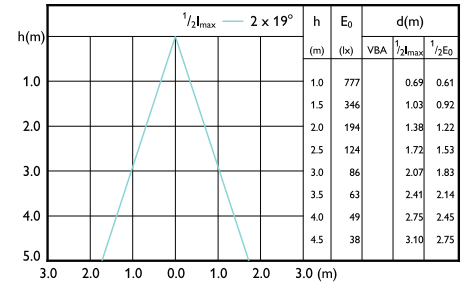
Beam Diagrams



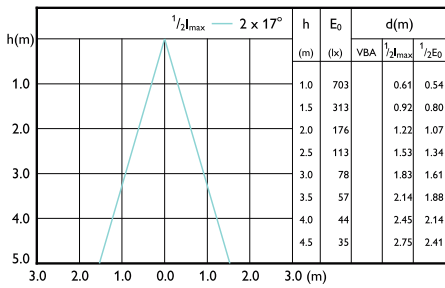
Beam diagram - MAS LEDspot UE 2.1-50W
GU10 ND 840 EELA



Beam diagram - MAS LEDspot UE 2.1-50W
GU10 ND 830 EELA



Beam diagram - MAS LEDspot UE 2.4-50W
GU10 ND 840 EELB



Beam diagram - MAS LEDspot UE 2.1-50W
GU10 ND 827 EELA

