



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
- Hassle-free retrofit solution for greater energy efficiency and sustainability
- Interior decor, furnishings and fabrics look great

Features

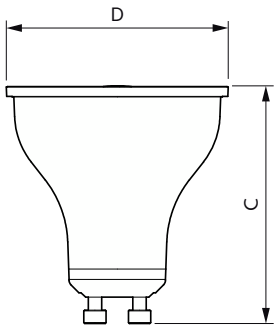
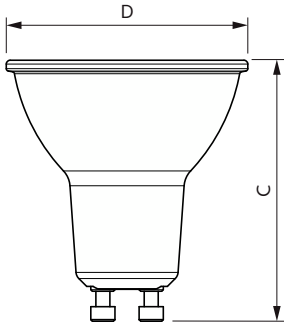
- Customized color spectrum replicates halogen light color
- Easy retrofitable with GU10 socket
- Long lifetime of 50,000 hours

Application

- Hospitality: hotel guest room, corridors, lobby, reception area, restaurants, bars, cafes
- Home: living room, bedrooms, hall way
- Retail: exhibitions, display cabinets, shops, dressing rooms

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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 830 EELB | 50 mm | 54 mm |
| MAS LEDspot UE 2.4-50W GU10 ND 840 EELB | 50 mm | 54 mm |

General Information

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

Light Technical

| | |
|---------------------------------------|--------------|
| Beam Angle (Nom) | 36 degree(s) |
| Color 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 |
|----------|----|

Mechanical and Housing

| | |
|-------------|-------|
| Bulb Finish | Clear |
| Bulb Shape | PAR16 |

Approval and Application

| | |
|-------------------------------|-------|
| Energy Consumption kWh/1000 h | 3 kWh |
|-------------------------------|-------|

Light Technical

| Order Code | Full Product Name | Correlated Color | | Luminous Flux | Luminous Intensity (Nom) |
|--------------|---|-------------------|------------|---------------|--------------------------|
| | | Temperature (Nom) | Color Code | | |
| 929003163102 | MAS LEDspot UE 2.4-50W GU10 ND 830 EELB | 3000 K | 830 | 380 lm | 900 cd |
| 929003163202 | MAS LEDspot UE 2.4-50W GU10 ND 840 EELB | 4000 K | 840 | 380 lm | 950 cd |
| 929003610002 | MAS LEDspot UE 2.1-50W GU10 ND 830 EELA | 3000 K | 830 | 375 lm | 680 cd |
| 929003610102 | MAS LEDspot UE 2.1-50W GU10 ND 840 EELA | 4000 K | 840 | 375 lm | 680 cd |
| 929003634602 | MAS LEDspot UE 2.1-50W GU10 ND 827 EELA | 2700 K | 827 | 375 lm | 680 cd |

Operating and Electrical

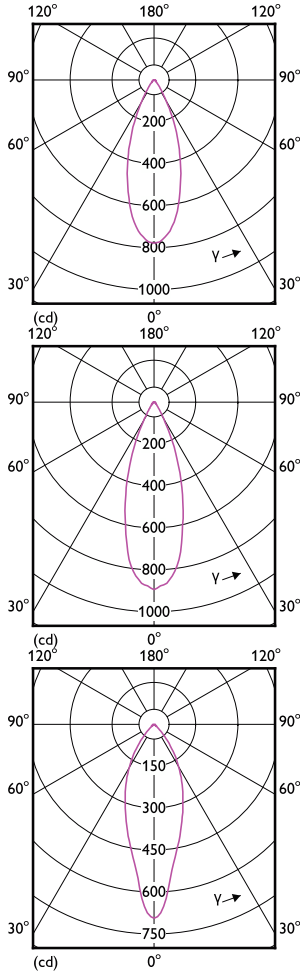
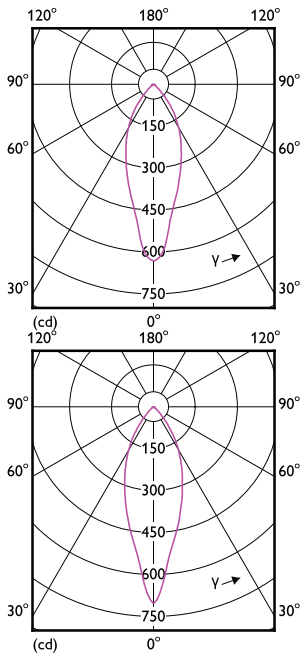
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| Order Code | Full Product Name | Power Consumption |
|--------------|---|-------------------|
| 929003163102 | MAS LEDspot UE 2.4-50W GU10 ND 830 EELB | 2.4 W |
| 929003163202 | MAS LEDspot UE 2.4-50W GU10 ND 840 EELB | 2.4 W |
| 929003610002 | MAS LEDspot UE 2.1-50W GU10 ND 830 EELA | 2.1 W |

| Order Code | Full Product Name | Power Consumption |
|--------------|---|-------------------|
| 929003610102 | MAS LEDspot UE 2.1-50W GU10 ND 840 EELA | 2.1 W |
| 929003634602 | MAS LEDspot UE 2.1-50W GU10 ND 827 EELA | 2.1 W |

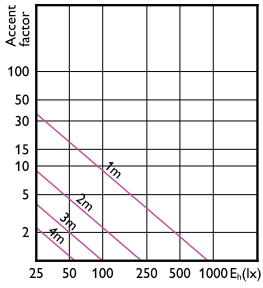
Temperature

| Order Code | Full Product Name | Ambient temperature range | T-Case Maximum (Nom) |
|--------------|---|---------------------------|----------------------|
| 929003163102 | MAS LEDspot UE 2.4-50W GU10 ND 830 EELB | -20 °C to 45 °C | 55 °C |
| 929003163202 | MAS LEDspot UE 2.4-50W GU10 ND 840 EELB | -20 °C to 45 °C | 55 °C |
| 929003610002 | MAS LEDspot UE 2.1-50W GU10 ND 830 EELA | -20 to +45 °C | 50 °C |
| 929003610102 | MAS LEDspot UE 2.1-50W GU10 ND 840 EELA | -20 to +45 °C | 50 °C |
| 929003634602 | MAS LEDspot UE 2.1-50W GU10 ND 827 EELA | -20 to +45 °C | 50 °C |

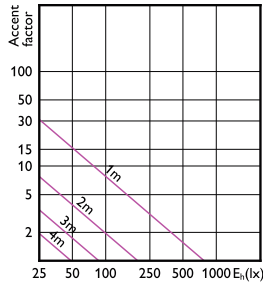


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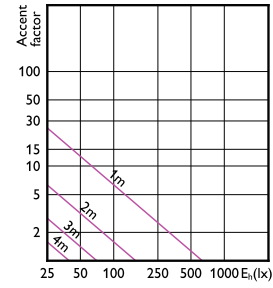
Accent Diagrams



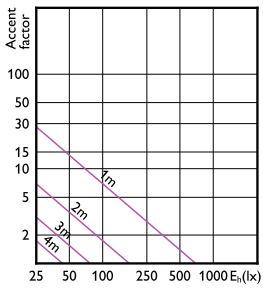
Accent Diagram - MAS LEDspot UE 2.4-50W
GU10 ND 830 EELB



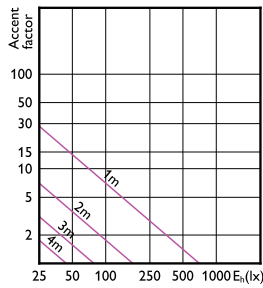
Accent Diagram - MAS LEDspot UE 2.4-50W
GU10 ND 840 EELB



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

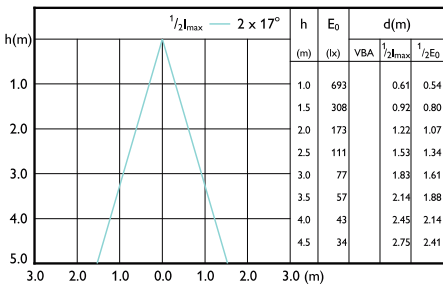


Accent Diagram - MAS LEDspot UE 2.1-50W
GU10 ND 840 EELA

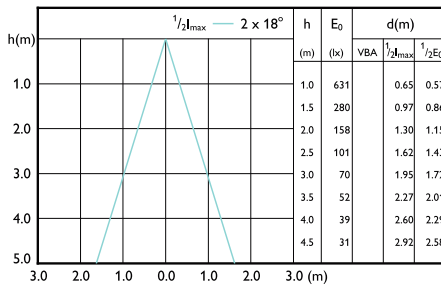


Accent Diagram - MAS LEDspot UE 2.1-50W
GU10 ND 827 EELA

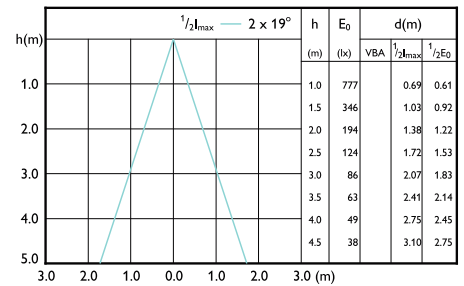
Beam Diagrams



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



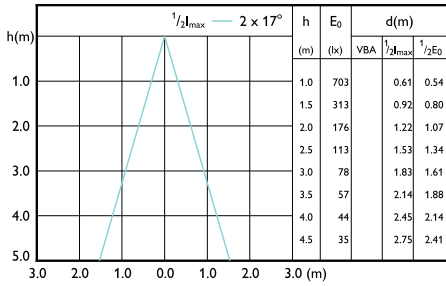
Beam diagram - MAS LEDspot UE 2.1-50W
GU10 ND 830 EELA



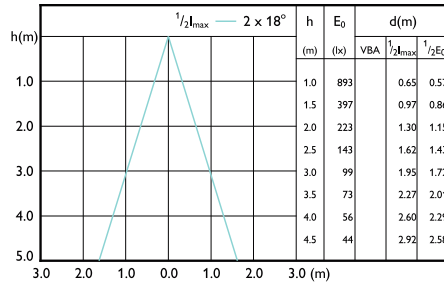
Beam diagram - MAS LEDspot UE 2.4-50W
GU10 ND 840 EELB

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Beam Diagrams



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



Beam diagram - MAS LEDspot UE 2.4-50W
GU10 ND 830 EELB

