



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 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 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

Versions

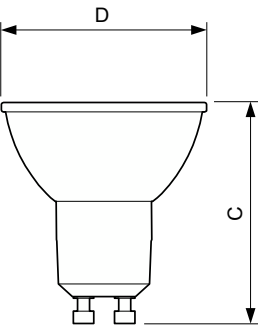


PAR16 GU10



LEDspots VLE D 650lm GU10 930 120D

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 |

MASTER VALUE LEDspot 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 |
| Line Frequency | 50 to 60 Hz |
| Starting Time (Nom) | 0.5 s |
| Mechanical and Housing | |
| Bulb Shape | PAR16 |

Light Technical (1/2)

| | | Beam Angle (Nom) | Correlated Color | | |
|------------|---|---------------------|----------------------|------------|---------------|
| Order Code | Full Product Name | | 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 |
| 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 |
| 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 | Power Consumption | Wattage Equivalent |
|------------|---|----------------------|-----------------------|
| 66271400 | MASTER LED spot VLE DT 6.2-80W GU10 927 36D | 6.2 W | 80 W |
| 70525100 | MASTER LED spot VLE D 6.2-80W GU10 930 36D | 6.2 W | 80 W |
| 70783800 | MASTER LED spot VLE D 3.7-35W GU10 940 60D | 3.7 W | 35 W |
| 70731900 | Master LED 4.9-50W GU10 927 36D Dim | 5 W | 50 W |

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

Temperature

| 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 |
| 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 |

MASTER VALUE LEDspot MV

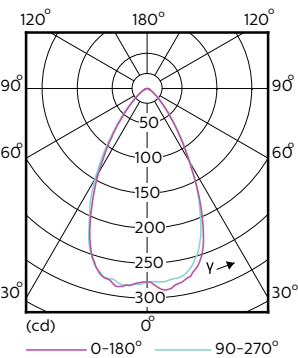
Controls and Dimming

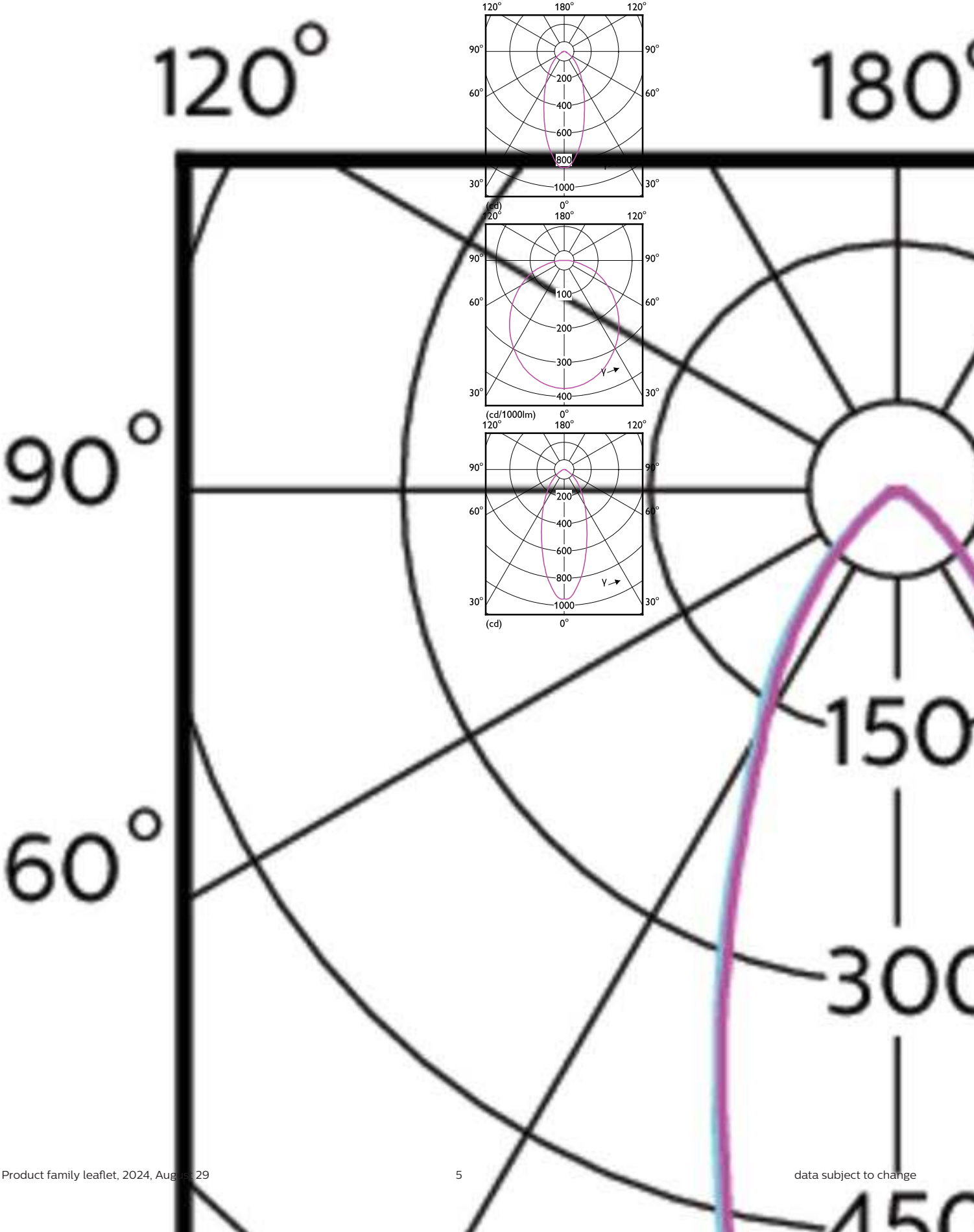
| Order Code | Full Product Name | Dimmable |
|------------|---|----------------------------|
| 66271400 | MASTER LED spot VLE DT 6.2-80W GU10 927 36D | Only with specific dimmers |
| 70525100 | MASTER LED spot VLE D 6.2-80W GU10 930 36D | Only with specific dimmers |
| 70783800 | MASTER LED spot VLE D 3.7-35W GU10 940 60D | Only with specific dimmers |
| 70731900 | Master LED 4.9-50W GU10 927 36D Dim | Yes |

| Order Code | Full Product Name | Dimmable |
|------------|---|----------------------------|
| 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 |

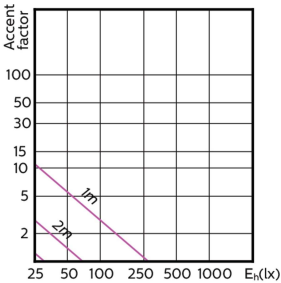
Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h |
|------------|---|-------------------------------|
| 66271400 | MASTER LED spot VLE DT 6.2-80W GU10 927 36D | 7 kWh |
| 70525100 | MASTER LED spot VLE D 6.2-80W GU10 930 36D | 7 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 | 5 kWh |
| 75592100 | Master LED 4.9-50W GU10 930 36D Dim | 5 kWh |
| 75594500 | Master LED 4.9-50W GU10 940 36D Dim | 5 kWh |
| 70609800 | MASTER LED spot VLE D 650lm GU10 930 120D | 7 kWh |
| 70611100 | MASTER LED spot VLE D 680lm GU10 940 120D | 7 kWh |

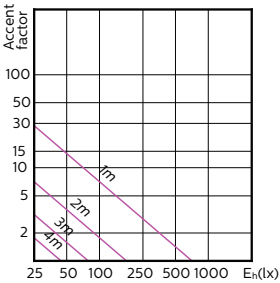




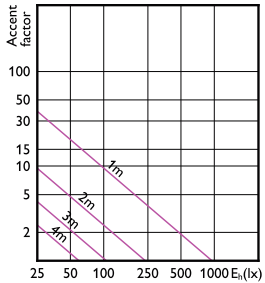
Accent Diagrams



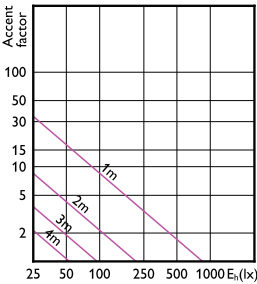
Accent Diagram - MAS LED spot VLE D 3.7-35W GU10 940 60D



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

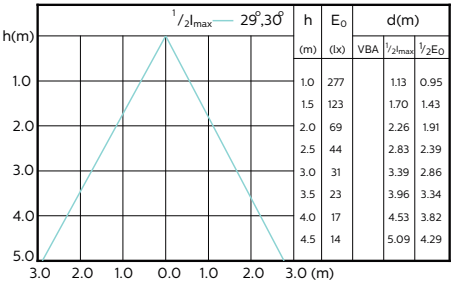


Accent Diagram - MAS LED spot VLE DT 6.2-80W GU10 927 36D

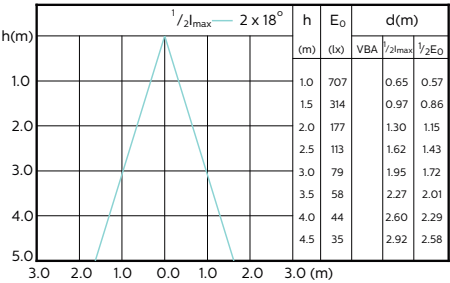


Accent Diagram - MAS LED spot VLE D 6.2-80W GU10 930 36D

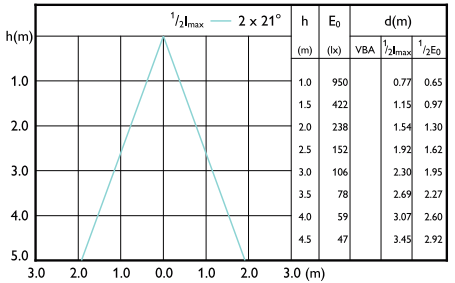
Beam Diagrams



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

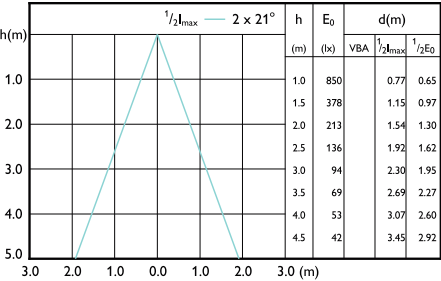


Beam diagram - Master LED 4.9-50W GU10 930 36D Dim



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

Beam Diagrams



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

