



The perfect replacement for mains voltage halogen spots

MASTER LEDspot MV

Delivering a warm, halogen-like accent beam, MASTER LEDspot MV is a perfect fit for spot lighting (track, corridors, lift lobbies, display cases and cabinets) in the hospitality industry. It is particularly suitable to public areas where the light is on 24/7, such as lobbies, corridors, stairwells. MASTER LEDspot MV delivers huge energy savings and minimizes maintenance cost without any compromise on brightness, enabling hospitality owners to achieve a return on their investment within one year. These LEDspots are compatible with most existing fixtures with a GU10 holder and designed as a retrofit replacement for halogen or incandescent spots. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

Benefits

- Up to 80% energy saving compared with halogen lamps
- Retrofittable
- Lower maintenance costs

Features

- Compatible with an extensive range of dimmers
- Lifetime of 25,000 to 45,000 hours
- Clearly defined beam spread
- UV- and IR-free light for less heat and protection for heat-sensitive objects

Application

- Hotels, restaurants, bars, cafés
- Lobbies, corridors, stairwells, washrooms, reception areas

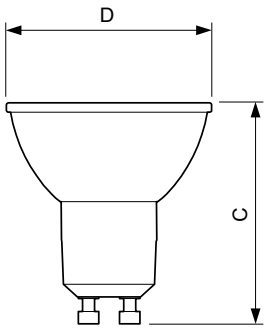
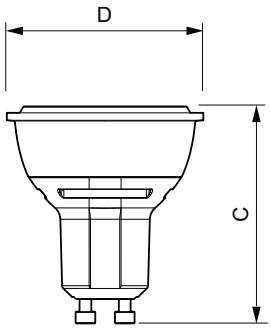
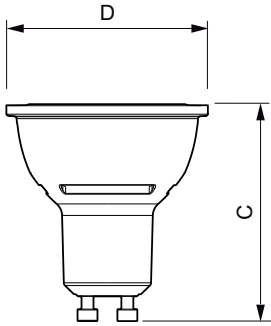
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Versions



MASTER LEDspot MV

Dimensional drawing



| Product | D | C |
|---|-------|-------|
| MAS LED spot VLE D 4.3-50W GU10 827 40D | 50 mm | 56 mm |

| Product | D | C |
|--------------------------------------|-------|-------|
| MAS LEDspotMV DimTone 4-35W GU10 40D | 50 mm | 55 mm |

| Product | D | C |
|--|-------|-------|
| MAS LED spot VLE D 7-80W GU10 865 36D | 50 mm | 54 mm |
| MAS LED spot VLE D 7-80W GU10 840 36D | 50 mm | 54 mm |
| MAS LED spot VLE D 7-80W GU10 830 36D | 50 mm | 54 mm |
| Master LED 5-50W GU10 940 36D Dim | 50 mm | 54 mm |
| Master LED 5-50W GU10 927 36D Dim | 50 mm | 54 mm |
| Master LED 5-50W GU10 930 36D Dim | 50 mm | 54 mm |
| MAS LED spot VLE DT 4.9-50W GU10 927 36D | 50 mm | 54 mm |
| MAS LED spot VLE D 4.9-50W GU10 940 60D | 50 mm | 54 mm |
| MAS LED spot VLE D 4.9-50W GU10 927 60D | 50 mm | 54 mm |
| MAS LED spot VLE D 4.9-50W GU10 930 60D | 50 mm | 54 mm |
| MAS LED spot VLE D 4.9-50W GU10 927 36D | 50 mm | 54 mm |
| MAS LED spot VLE D 3.7-35W GU10 940 60D | 50 mm | 54 mm |
| MAS LED spot VLE D 3.7-35W GU10 930 60D | 50 mm | 54 mm |
| MAS LED spot VLE D 3.7-35W GU10 927 60D | 50 mm | 54 mm |
| MAS LED spot VLE D 3.7-35W GU10 940 36D | 50 mm | 54 mm |
| MAS LED spot VLE D 3.7-35W GU10 930 36D | 50 mm | 54 mm |

MASTER LEDspot MV

Controls and Dimming

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Operating and Electrical

| | |
|---------------------|-------------|
| Input Frequency | 50 to 60 Hz |
| Voltage (Nom) | 220-240 V |
| Starting Time (Nom) | 0.5 s |

General Information

| | |
|-----------------|--------|
| Cap-Base | GU10 |
| Switching Cycle | 50000X |

Light Technical

| | |
|---------------------------------------|------|
| Llmf At End Of Nominal Lifetime (Nom) | 70 % |
|---------------------------------------|------|

Mechanical and Housing

| | |
|------------|-------|
| Bulb Shape | PAR16 |
|------------|-------|

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h | Energy Efficiency Label (EEL) |
|------------|--|-------------------------------|-------------------------------|
| 43830500 | MAS LEDspotMV DimTone 4-35W GU10 40D | 4 kWh | A+ |
| 71964000 | MAS LED spot VLE D 4.3-50W GU10 827 40D | 5 kWh | B |
| 70775300 | MAS LED spot VLE D 3.7-35W GU10 930 36D | 4 kWh | A+ |
| 70777700 | MAS LED spot VLE D 3.7-35W GU10 940 36D | 4 kWh | A++ |
| 70779100 | MAS LED spot VLE D 3.7-35W GU10 927 60D | 4 kWh | A+ |
| 70781400 | MAS LED spot VLE D 3.7-35W GU10 930 60D | 4 kWh | A+ |
| 70783800 | MAS LED spot VLE D 3.7-35W GU10 940 60D | 4 kWh | A++ |
| 70785200 | MAS LED spot VLE D 4.9-50W GU10 927 36D | 5 kWh | A+ |
| 70731900 | Master LED 5-50W GU10 927 36D Dim | 5 kWh | A+ |
| 75592100 | Master LED 5-50W GU10 930 36D Dim | 5 kWh | A+ |
| 75594500 | Master LED 5-50W GU10 940 36D Dim | 5 kWh | A+ |
| 70791300 | MAS LED spot VLE D 4.9-50W GU10 927 60D | 5 kWh | A+ |
| 70793700 | MAS LED spot VLE D 4.9-50W GU10 930 60D | 5 kWh | A+ |
| 70795100 | MAS LED spot VLE D 4.9-50W GU10 940 60D | 5 kWh | A+ |
| 70797500 | MAS LED spot VLE D 7-80W GU10 830 36D | 7 kWh | A+ |
| 70799900 | MAS LED spot VLE D 7-80W GU10 840 36D | 7 kWh | A+ |
| 70801900 | MAS LED spot VLE D 7-80W GU10 865 36D | 7 kWh | A+ |
| 70811800 | MAS LED spot VLE DT 4.9-50W GU10 927 36D | 5 kWh | A+ |

Operating and Electrical

| Order Code | Full Product Name | Wattage Equivalent | Power (Rated) (Nom) |
|------------|---|--------------------|---------------------|
| 43830500 | MAS LEDspotMV DimTone 4-35W GU10 40D | 35 W | 4 W |
| 71964000 | MAS LED spot VLE D 4.3-50W GU10 827 40D | 50 W | 4.3 W |
| 70775300 | MAS LED spot VLE D 3.7-35W GU10 930 36D | 35 W | 3.7 W |
| 70777700 | MAS LED spot VLE D 3.7-35W GU10 940 36D | 35 W | 3.7 W |
| 70779100 | MAS LED spot VLE D 3.7-35W GU10 927 60D | 35 W | 3.7 W |
| 70781400 | MAS LED spot VLE D 3.7-35W GU10 930 60D | 35 W | 3.7 W |
| 70783800 | MAS LED spot VLE D 3.7-35W GU10 940 60D | 35 W | 3.7 W |
| 70785200 | MAS LED spot VLE D 4.9-50W GU10 927 36D | 50 W | 4.9 W |
| 70731900 | Master LED 5-50W GU10 927 36D Dim | 50 W | 5 W |

| Order Code | Full Product Name | Wattage Equivalent | Power (Rated) (Nom) |
|------------|--|--------------------|---------------------|
| 75592100 | Master LED 5-50W GU10 930 36D Dim | 50 W | 5 W |
| 75594500 | Master LED 5-50W GU10 940 36D Dim | 50 W | 5 W |
| 70791300 | MAS LED spot VLE D 4.9-50W GU10 927 60D | 50 W | 4.9 W |
| 70793700 | MAS LED spot VLE D 4.9-50W GU10 930 60D | 50 W | 4.9 W |
| 70795100 | MAS LED spot VLE D 4.9-50W GU10 940 60D | 50 W | 4.9 W |
| 70797500 | MAS LED spot VLE D 7-80W GU10 830 36D | 80 W | 7 W |
| 70799900 | MAS LED spot VLE D 7-80W GU10 840 36D | 80 W | 7 W |
| 70801900 | MAS LED spot VLE D 7-80W GU10 865 36D | 80 W | 7 W |
| 70811800 | MAS LED spot VLE DT 4.9-50W GU10 927 36D | 50 W | 4.9 W |

General Information

| Order Code | Full Product Name | Nominal Lifetime (Nom) | Rated Lifetime (Hours) |
|------------|---|------------------------|------------------------|
| 43830500 | MAS LEDspotMV DimTone 4-35W GU10 40D | 50000 h | 50000 h |
| 71964000 | MAS LED spot VLE D 4.3-50W GU10 827 40D | 35000 h | 35000 h |

| Order Code | Full Product Name | Nominal Lifetime (Nom) | Rated Lifetime (Hours) |
|------------|---|------------------------|------------------------|
| 70775300 | MAS LED spot VLE D 3.7-35W GU10 930 36D | 25000 h | 25000 h |
| 70777700 | MAS LED spot VLE D 3.7-35W GU10 940 36D | 25000 h | 25000 h |

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| Order Code | Full Product Name | Nominal Lifetime (Nom) | Rated Lifetime (Hours) |
|------------|---|------------------------|------------------------|
| 70779100 | MAS LED spot VLE D 3.7-35W GU10 927 60D | 25000 h | 25000 h |
| 70781400 | MAS LED spot VLE D 3.7-35W GU10 930 60D | 25000 h | 25000 h |
| 70783800 | MAS LED spot VLE D 3.7-35W GU10 940 60D | 25000 h | 25000 h |
| 70785200 | MAS LED spot VLE D 4.9-50W GU10 927 36D | 25000 h | 25000 h |
| 70731900 | Master LED 5-50W GU10 927 36D Dim | 25000 h | 25000 h |
| 75592100 | Master LED 5-50W GU10 930 36D Dim | 25000 h | 25000 h |
| 75594500 | Master LED 5-50W GU10 940 36D Dim | 25000 h | 25000 h |
| 70791300 | MAS LED spot VLE D 4.9-50W GU10 927 60D | 25000 h | 25000 h |

| Order Code | Full Product Name | Nominal Lifetime (Nom) | Rated Lifetime (Hours) |
|------------|--|------------------------|------------------------|
| 70793700 | MAS LED spot VLE D 4.9-50W GU10 930 60D | 25000 h | 25000 h |
| 70795100 | MAS LED spot VLE D 4.9-50W GU10 940 60D | 25000 h | 25000 h |
| 70797500 | MAS LED spot VLE D 7-80W GU10 830 36D | 25000 h | 25000 h |
| 70799900 | MAS LED spot VLE D 7-80W GU10 840 36D | 25000 h | 25000 h |
| 70801900 | MAS LED spot VLE D 7-80W GU10 865 36D | 25000 h | 25000 h |
| 70811800 | MAS LED spot VLE DT 4.9-50W GU10 927 36D | 25000 h | 25000 h |

Light Technical (1/2)

| Order Code | Full Product Name | Beam | | Correlated Colour | Colour Rendering |
|------------|---|-------------|-------------|-------------------|------------------|
| | | Angle (Nom) | Colour Code | Temperature (Nom) | Index (Nom) |
| 43830500 | MAS LEDspotMV DimTone 4-35W GU10 40D | 40 ° | 822-827 | 2200-2700 K | 80 |
| 71964000 | MAS LED spot VLE D 4.3-50W GU10 827 40D | 40 ° | 827 | 2700 K | 80 |
| 70775300 | MAS LED spot VLE D 3.7-35W GU10 930 36D | 36 ° | 930 | 3000 K | 90 |
| 70777700 | MAS LED spot VLE D 3.7-35W GU10 940 36D | 36 ° | 940 | 4000 K | 90 |
| 70779100 | MAS LED spot VLE D 3.7-35W GU10 927 60D | 60 ° | 927 | 2700 K | 90 |
| 70781400 | MAS LED spot VLE D 3.7-35W GU10 930 60D | 60 ° | 930 | 3000 K | 90 |
| 70783800 | MAS LED spot VLE D 3.7-35W GU10 940 60D | 60 ° | 940 | 4000 K | 90 |
| 70785200 | MAS LED spot VLE D 4.9-50W GU10 927 36D | 36 ° | 927 | 2700 K | 90 |

| Order Code | Full Product Name | Beam | | Correlated Colour | Colour Rendering |
|------------|--|-------------|-------------|-------------------|------------------|
| | | Angle (Nom) | Colour Code | Temperature (Nom) | Index (Nom) |
| 70731900 | Master LED 5-50W GU10 927 36D Dim | 36 ° | 927 | 2700 K | 90 |
| 75592100 | Master LED 5-50W GU10 930 36D Dim | 36 ° | 930 | 3000 K | 90 |
| 75594500 | Master LED 5-50W GU10 940 36D Dim | 36 ° | 940 | 4000 K | 90 |
| 70791300 | MAS LED spot VLE D 4.9-50W GU10 927 60D | 60 ° | 927 | 2700 K | 90 |
| 70793700 | MAS LED spot VLE D 4.9-50W GU10 930 60D | 60 ° | 930 | 3000 K | 90 |
| 70795100 | MAS LED spot VLE D 4.9-50W GU10 940 60D | 60 ° | 940 | 4000 K | 90 |
| 70797500 | MAS LED spot VLE D 7-80W GU10 830 36D | 36 ° | 830 | 3000 K | 80 |
| 70799900 | MAS LED spot VLE D 7-80W GU10 840 36D | 36 ° | 841 | 4000 K | 80 |
| 70801900 | MAS LED spot VLE D 7-80W GU10 865 36D | 36 ° | 865 | 6500 K | 80 |
| 70811800 | MAS LED spot VLE DT 4.9-50W GU10 927 36D | 36 ° | 922-927 | 2200-2700 K | 90 |

Light Technical (2/2)

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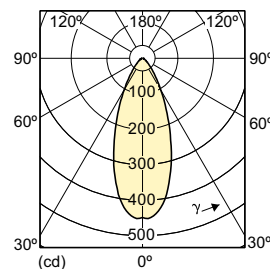
| Order Code | Full Product Name | Light Distribution | Luminous | | | |
|------------|---|--------------------|------------|--------------|--------------------------|------------------|
| | | | Flux (Nom) | Flux (Rated) | Luminous Intensity (Nom) | Rated Beam Angle |
| 43830500 | MAS LEDspotMV DimTone 4-35W GU10 40D | 40D | 305 lm | 305 lm | 600 cd | 40 ° |
| 71964000 | MAS LED spot VLE D 4.3-50W GU10 827 40D | - | 420 lm | 420 lm | 750 cd | 40 ° |
| 70775300 | MAS LED spot VLE D 3.7-35W GU10 930 36D | - | 270 lm | 270 lm | 500 cd | 36 ° |
| 70777700 | MAS LED spot VLE D 3.7-35W GU10 940 36D | - | 285 lm | 285 lm | 500 cd | 36 ° |
| 70779100 | MAS LED spot VLE D 3.7-35W GU10 927 60D | - | 260 lm | 260 lm | 330 cd | 60 ° |
| 70781400 | MAS LED spot VLE D 3.7-35W GU10 930 60D | - | 270 lm | 270 lm | 340 cd | 60 ° |
| 70783800 | MAS LED spot VLE D 3.7-35W GU10 940 60D | - | 285 lm | 285 lm | 350 cd | 60 ° |
| 70785200 | MAS LED spot VLE D 4.9-50W GU10 927 36D | - | 355 lm | 355 lm | 650 cd | 36 ° |
| 70731900 | Master LED 5-50W GU10 927 36D Dim | - | 395 lm | 395 lm | 650 cd | 36 ° |

| Order Code | Full Product Name | Light Distribution | Luminous | | | |
|------------|--|--------------------|------------|--------------|--------------------------|------------------|
| | | | Flux (Nom) | Flux (Rated) | Luminous Intensity (Nom) | Rated Beam Angle |
| 75592100 | Master LED 5-50W GU10 930 36D Dim | - | 405 lm | 405 lm | 650 cd | 36 ° |
| 75594500 | Master LED 5-50W GU10 940 36D Dim | - | 420 lm | 420 lm | 700 cd | 36 ° |
| 70791300 | MAS LED spot VLE D 4.9-50W GU10 927 60D | - | 355 lm | 355 lm | 400 cd | 60 ° |
| 70793700 | MAS LED spot VLE D 4.9-50W GU10 930 60D | - | 365 lm | 365 lm | 400 cd | 60 ° |
| 70795100 | MAS LED spot VLE D 4.9-50W GU10 940 60D | - | 380 lm | 380 lm | 400 cd | 60 ° |
| 70797500 | MAS LED spot VLE D 7-80W GU10 830 36D | - | 590 lm | 590 lm | 1200 cd | 36 ° |
| 70799900 | MAS LED spot VLE D 7-80W GU10 840 36D | - | 610 lm | 610 lm | 1200 cd | 36 ° |
| 70801900 | MAS LED spot VLE D 7-80W GU10 865 36D | - | 610 lm | 610 lm | 1200 cd | 36 ° |
| 70811800 | MAS LED spot VLE DT 4.9-50W GU10 927 36D | - | 355 lm | 355 lm | 650 cd | 36 ° |

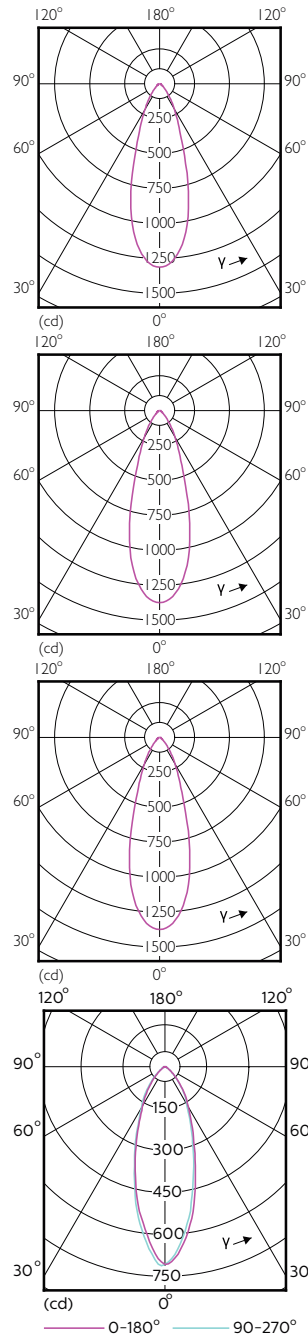
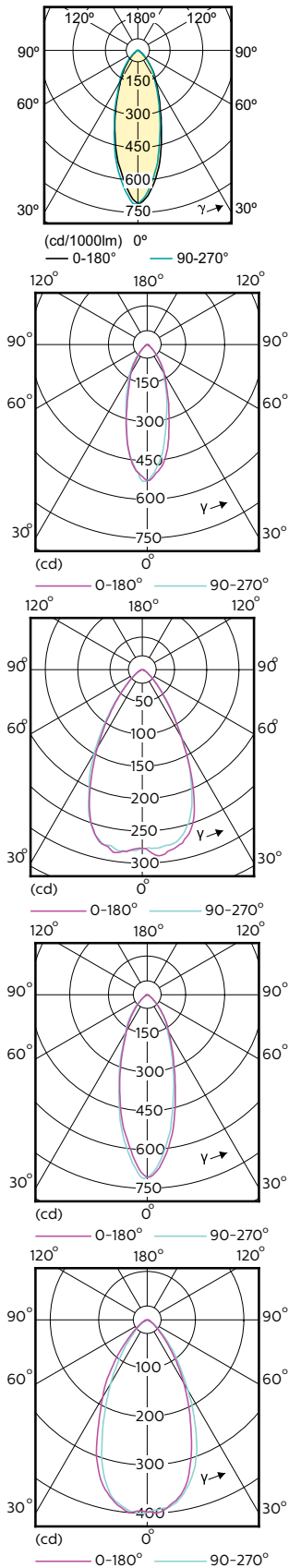
Temperature

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|------------|---|----------------------|
| 43830500 | MAS LEDspotMV DimTone 4-35W GU10 40D | 70 °C |
| 71964000 | MAS LED spot VLE D 4.3-50W GU10 827 40D | 78 °C |
| 70775300 | MAS LED spot VLE D 3.7-35W GU10 930 36D | 80 °C |
| 70777700 | MAS LED spot VLE D 3.7-35W GU10 940 36D | 80 °C |
| 70779100 | MAS LED spot VLE D 3.7-35W GU10 927 60D | 80 °C |
| 70781400 | MAS LED spot VLE D 3.7-35W GU10 930 60D | 80 °C |
| 70783800 | MAS LED spot VLE D 3.7-35W GU10 940 60D | 80 °C |
| 70785200 | MAS LED spot VLE D 4.9-50W GU10 927 36D | 80 °C |
| 70731900 | Master LED 5-50W GU10 927 36D Dim | 80 °C |
| 75592100 | Master LED 5-50W GU10 930 36D Dim | 80 °C |
| 75594500 | Master LED 5-50W GU10 940 36D Dim | 80 °C |
| 70791300 | MAS LED spot VLE D 4.9-50W GU10 927 60D | 80 °C |
| 70793700 | MAS LED spot VLE D 4.9-50W GU10 930 60D | 80 °C |
| 70795100 | MAS LED spot VLE D 4.9-50W GU10 940 60D | 80 °C |
| 70797500 | MAS LED spot VLE D 7-80W GU10 830 36D | 85 °C |
| 70799900 | MAS LED spot VLE D 7-80W GU10 840 36D | 85 °C |

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|------------|--|----------------------|
| 70801900 | MAS LED spot VLE D 7-80W GU10 865 36D | 85 °C |
| 70811800 | MAS LED spot VLE DT 4.9-50W GU10 927 36D | 80 °C |

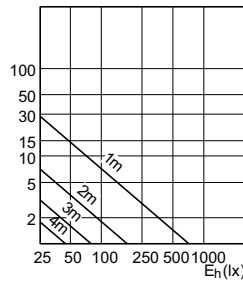
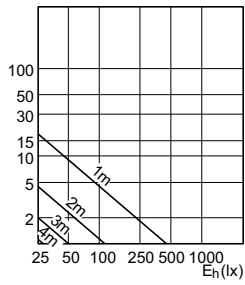


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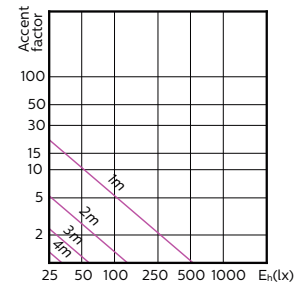


MASTER LEDspot MV

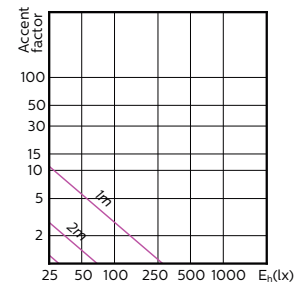
Accent Diagrams



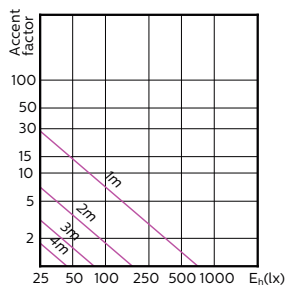
LED Lamps, CorePro LEDspotMV 4.3-50W GU10 PAR16 40D



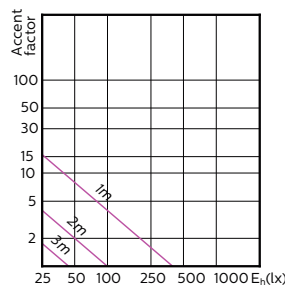
MASTER LEDspotMV 35W GU10 36D 260lm



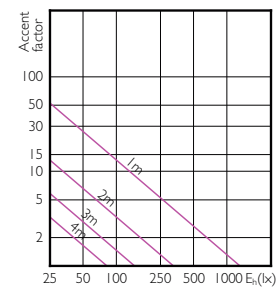
MASTER LEDspotMV 35W GU10 60D 260lm



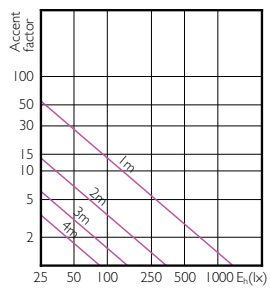
MASTER LEDspotMV 50W GU10 36D 355lm



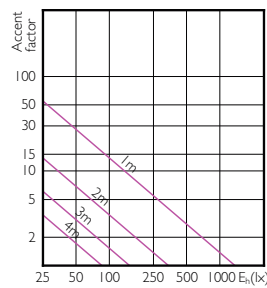
MASTER LEDspotMV 50W GU10 60D 355lm



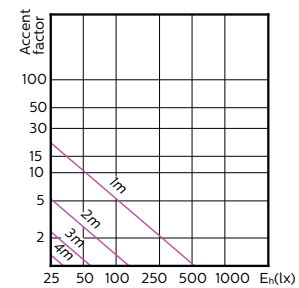
MASTER LEDspotMV 80W GU10 830 36D



MASTER LEDspotMV 80W GU10 840 36D

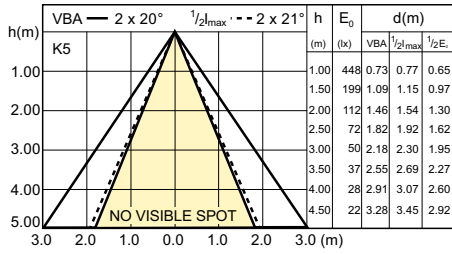


MASTER LEDspotMV 80W GU10 865 36D VLE

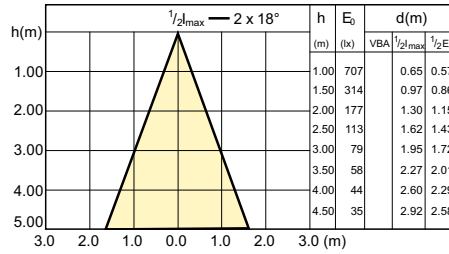


MASTER LEDspotMV 50W GU10 922-927 36D

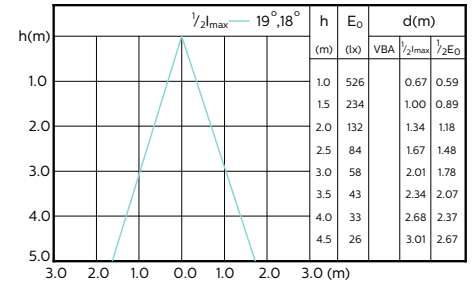
Beam Diagrams



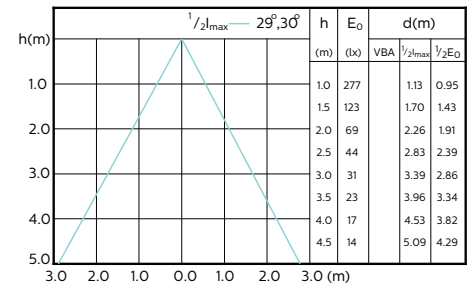
SDBE_LEDspotM_0088-Beam diagram



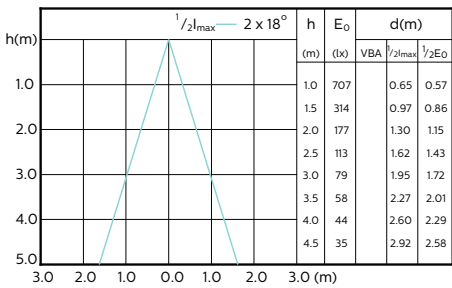
LED Lamps, CorePro LEDspotMV 4.3-50W GU10 PAR16 40D



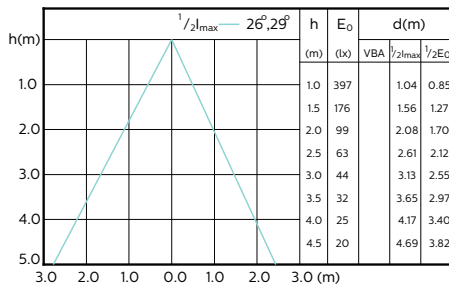
MASTER LEDspotMV 35W GU10 36D 260lm



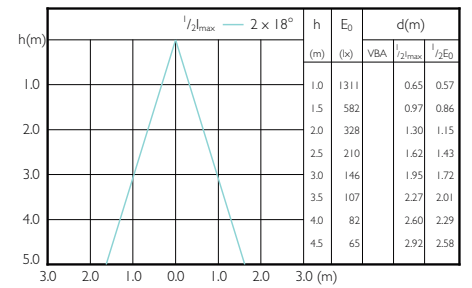
MASTER LEDspotMV 35W GU10 60D 260lm



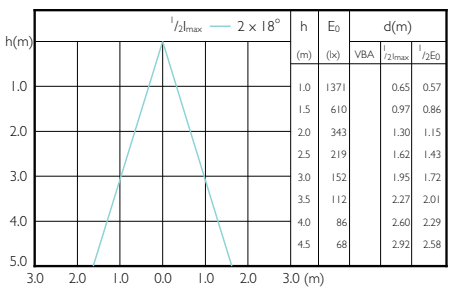
MASTER LEDspotMV 50W GU10 36D 355lm



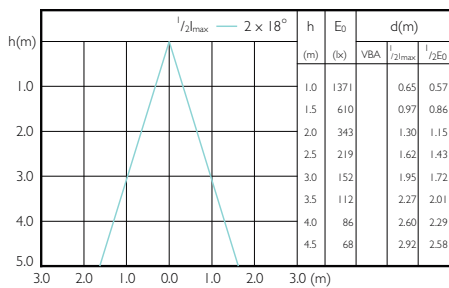
MASTER LEDspotMV 50W GU10 60D 355lm



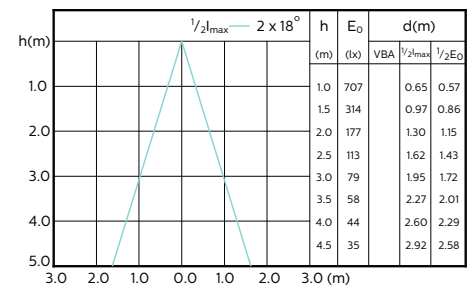
MASTER LEDspotMV 80W GU10 830 36D



MASTER LEDspotMV 80W GU10 840 36D



MASTER LEDspotMV 80W GU10 865 36D VLE



MASTER LEDspotMV 50W GU10 922-927 36D

MASTER LEDspot MV

