



# Philips Master LEDspot LV

## MASTER LEDspot 12V

Las lámparas MASTERLEDspot MR16 proporcionan una luz de tipo halógeno que supone una solución de sustitución ideal para las aplicaciones de iluminación puntual y general. Son ideales para áreas públicas como recepciones, vestíbulos, pasillos, huecos de escalera y baños, donde la luz siempre está encendida. El diseño robusto de las lámparas MASTERLEDspot MR16 cuenta con un ángulo de luz desde 10° que permite distribuir el haz de luz de forma nítida. Esta lámpara no emite radiación UV ni IR, lo que permite utilizarlo para iluminar objetos sensibles al calor (comida, materiales orgánicos, cuadros, etc.).

### Beneficios

- Luz blanca suave
- Hasta un 80% de ahorro energético en comparación con una lámpara halógena estándar de 20W

### Características

- Regulable (las versiones de 7-35 W y 10-50 W)
- Controlador inteligente patentado
- Refrigeración activa por ventilador con niveles de ruido muy bajos
- Duración de entre 25.000 a 45.000 horas
- CRI90 (solamente el modelo MR11)

### Aplicaciones

- Hoteles, restaurantes, bares, cafeterías
- Vestíbulos, pasillos, huecos de escalera, baños, zonas de recepción

### Advertencias y seguridad

- 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

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Versions



LEDspots MAS MR16 GU5,3

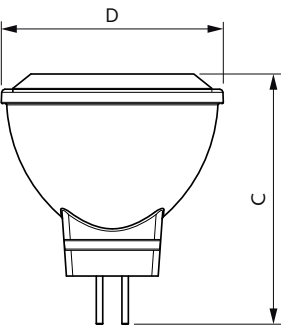
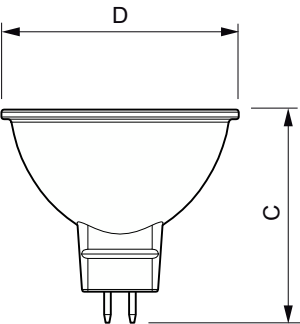


LEDspots MAS SLR 2 MR11 GU4



LEDspot MR16 GU5.3

Plano de dimensiones

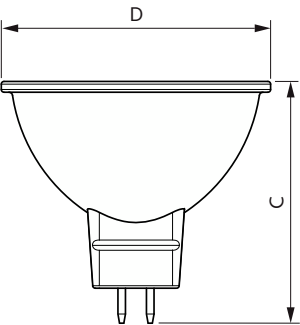


| Product                                 | D       | C       |
|-----------------------------------------|---------|---------|
| MAS LED SPOT VLE D 7.5-50W MR16 927 36D | 50,5 mm | 45,5 mm |
| MAS LED SPOT VLE D 7.5-50W MR16 927 60D | 50,5 mm | 45,5 mm |
| MAS LED SPOT VLE D 7.5-50W MR16 930 36D | 50,5 mm | 45,5 mm |
| MAS LED SPOT VLE D 7.5-50W MR16 930 60D | 50,5 mm | 45,5 mm |
| MAS LED SPOT VLE D 7.5-50W MR16 940 36D | 50,5 mm | 45,5 mm |
| MAS LED SPOT VLE D 7.5-50W MR16 940 60D | 50,5 mm | 45,5 mm |
| MAS LED spot VLE D 5.8-35W MR16 927 36D | 50,5 mm | 45,5 mm |
| MAS LED spot VLE D 5.8-35W MR16 927 60D | 50,5 mm | 45,5 mm |
| MAS LED spot VLE D 5.8-35W MR16 930 36D | 50,5 mm | 45,5 mm |
| MAS LED spot VLE D 5.8-35W MR16 930 60D | 50,5 mm | 45,5 mm |
| MAS LED spot VLE D 5.8-35W MR16 940 36D | 50,5 mm | 45,5 mm |
| MAS LED spot VLE D 5.8-35W MR16 940 60D | 50,5 mm | 45,5 mm |
| MAS LEDspotLV DimTone 5.8-35W MR16 36D  | 50,5 mm | 45,5 mm |

| Product                            | D       | C       |
|------------------------------------|---------|---------|
| MAS LEDspotLV 3.5-20W 827 MR11 24D | 35,1 mm | 39,5 mm |

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Plano de dimensiones



| Product                                | D       | C       |
|----------------------------------------|---------|---------|
| MAS LEDspotLV DimTone 7.5-50W MR16 36D | 50,5 mm | 45,5 mm |

| Información general                     |        |
|-----------------------------------------|--------|
| Ciclo de encendido/apagado              | 50.000 |
| Datos técnicos de la luz                |        |
| LLMF al fin de vida útil nominal (nom.) | 70 %   |
| Operativos y eléctricos                 |        |
| Frecuencia de entrada                   | - Hz   |
| Line Frequency                          | - Hz   |
| Hora de inicio (nom.)                   | 0,5 s  |

Información general

| Order Code | Full Product Name                          | Base del casquillo | Vida útil nominal |
|------------|--------------------------------------------|--------------------|-------------------|
| 30718600   | MASTER LED spot VLE D 5.8-35W MR16 927 36D | GU5.3              | 25.000 hora(s)    |
| 30720900   | MASTER LED spot VLE D 5.8-35W MR16 930 36D | GU5.3              | 25.000 hora(s)    |
| 30722300   | MASTER LED spot VLE D 5.8-35W MR16 940 36D | GU5.3              | 25.000 hora(s)    |
| 30724700   | MASTER LED spot VLE D 5.8-35W MR16 927 60D | GU5.3              | 25.000 hora(s)    |
| 30726100   | MASTER LED spot VLE D 5.8-35W MR16 930 60D | GU5.3              | 25.000 hora(s)    |
| 30728500   | MASTER LED spot VLE D 5.8-35W MR16 940 60D | GU5.3              | 25.000 hora(s)    |
| 30730800   | MASTER LEDspotLV DimTone 5.8-35W MR16 36D  | GU5.3              | 25.000 hora(s)    |
| 30732200   | MASTER LED SPOT VLE D 7.5-50W MR16 927 36D | GU5.3              | 25.000 hora(s)    |

| Order Code | Full Product Name                          | Base del casquillo | Vida útil nominal |
|------------|--------------------------------------------|--------------------|-------------------|
| 30734600   | MASTER LED SPOT VLE D 7.5-50W MR16 930 36D | GU5.3              | 25.000 hora(s)    |
| 30736000   | MASTER LED SPOT VLE D 7.5-50W MR16 940 36D | GU5.3              | 25.000 hora(s)    |
| 35990100   | MASTER LEDspotLV 3.5-20W 827 MR11 24D      | GU4                | 40.000 hora(s)    |
| 30744500   | MASTER LEDspotLV DimTone 7.5-50W MR16 36D  | GU5.3              | 25.000 hora(s)    |
| 30738400   | MASTER LED SPOT VLE D 7.5-50W MR16 927 60D | GU5.3              | 25.000 hora(s)    |
| 30740700   | MASTER LED SPOT VLE D 7.5-50W MR16 930 60D | GU5.3              | 25.000 hora(s)    |
| 30742100   | MASTER LED SPOT VLE D 7.5-50W MR16 940 60D | GU5.3              | 25.000 hora(s)    |

Datos técnicos de la luz

| Order Code | Full Product Name                          | Ángulo de haz (nom.) | Temperatura de color correlacionada (nom.) | Índice de reproducción cromática (IRC) | Código de color | Flujo luminoso | Intensidad luminosa (nom.) |
|------------|--------------------------------------------|----------------------|--------------------------------------------|----------------------------------------|-----------------|----------------|----------------------------|
| 30718600   | MASTER LED spot VLE D 5.8-35W MR16 927 36D | 36 °                 | 2700 K                                     | 90                                     | 927             | 450 lm         | 1.300 cd                   |

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| Order Code | Full Product Name                          | Ángulo de haz (nom.) | Temperatura de color correlacionada (nom.) | Índice de reproducción cromática (IRC) | Código de color | Flujo luminoso | Intensidad luminosa (nom.) |
|------------|--------------------------------------------|----------------------|--------------------------------------------|----------------------------------------|-----------------|----------------|----------------------------|
| 30720900   | MASTER LED spot VLE D 5.8-35W MR16 930 36D | 36 °                 | 3000 K                                     | 90                                     | 930             | 460 lm         | 1.300 cd                   |
| 30722300   | MASTER LED spot VLE D 5.8-35W MR16 940 36D | 36 °                 | 4000 K                                     | 90                                     | 940             | 490 lm         | 1.200 cd                   |
| 30724700   | MASTER LED spot VLE D 5.8-35W MR16 927 60D | 60 °                 | 2700 K                                     | 90                                     | 927             | 450 lm         | 600 cd                     |
| 30726100   | MASTER LED spot VLE D 5.8-35W MR16 930 60D | 60 °                 | 3000 K                                     | 90                                     | 930             | 460 lm         | 600 cd                     |
| 30728500   | MASTER LED spot VLE D 5.8-35W MR16 940 60D | 60 °                 | 4000 K                                     | 90                                     | 940             | 490 lm         | 550 cd                     |
| 30730800   | MASTER LEDspotLV DimTone 5.8-35W MR16 36D  | 36 °                 | 2200 K                                     | 90                                     | 922-927         | 345 lm         | 800 cd                     |
| 30732200   | MASTER LED SPOT VLE D 7.5-50W MR16 927 36D | 36 °                 | 2700 K                                     | 90                                     | 927             | 621 lm         | 1.600 cd                   |
| 30734600   | MASTER LED SPOT VLE D 7.5-50W MR16 930 36D | 36 °                 | 3000 K                                     | 90                                     | 930             | 630 lm         | 1.600 cd                   |
| 30736000   | MASTER LED SPOT VLE D 7.5-50W MR16 940 36D | 36 °                 | 4000 K                                     | 90                                     | 940             | 660 lm         | 1.500 cd                   |
| 35990100   | MASTER LEDspotLV 3.5-20W 827 MR11 24D      | 24 °                 | 2700 K                                     | 80                                     | 827             | 200 lm         | 1.000 cd                   |
| 30744500   | MASTER LEDspotLV DimTone 7.5-50W MR16 36D  | 36 °                 | 2200 K                                     | 90                                     | 922-927         | 621 lm         | 1.100 cd                   |
| 30738400   | MASTER LED SPOT VLE D 7.5-50W MR16 927 60D | 60 °                 | 2700 K                                     | 90                                     | 927             | 621 lm         | 750 cd                     |
| 30740700   | MASTER LED SPOT VLE D 7.5-50W MR16 930 60D | 60 °                 | 3000 K                                     | 90                                     | 930             | 630 lm         | 800 cd                     |
| 30742100   | MASTER LED SPOT VLE D 7.5-50W MR16 940 60D | 60 °                 | 4000 K                                     | 90                                     | 940             | 660 lm         | 770 cd                     |

Operativos y eléctricos

| Order Code | Full Product Name                          | Consumo de energía | Equivalente de potencia | Order Code | Full Product Name                          | Consumo de energía | Equivalente de potencia |
|------------|--------------------------------------------|--------------------|-------------------------|------------|--------------------------------------------|--------------------|-------------------------|
| 30718600   | MASTER LED spot VLE D 5.8-35W MR16 927 36D | 5,8 W              | 35 W                    | 30734600   | MASTER LED SPOT VLE D 7.5-50W MR16 930 36D | 7,5 W              | 50 W                    |
| 30720900   | MASTER LED spot VLE D 5.8-35W MR16 930 36D | 5,8 W              | 35 W                    | 30736000   | MASTER LED SPOT VLE D 7.5-50W MR16 940 36D | 7,5 W              | 50 W                    |
| 30722300   | MASTER LED spot VLE D 5.8-35W MR16 940 36D | 5,8 W              | 35 W                    | 35990100   | MASTER LEDspotLV 3.5-20W 827 MR11 24D      | 3,5 W              | 20 W                    |
| 30724700   | MASTER LED spot VLE D 5.8-35W MR16 927 60D | 5,8 W              | 35 W                    | 30744500   | MASTER LEDspotLV DimTone 7.5-50W MR16 36D  | 7,5 W              | 50 W                    |
| 30726100   | MASTER LED spot VLE D 5.8-35W MR16 930 60D | 5,8 W              | 35 W                    | 30738400   | MASTER LED SPOT VLE D 7.5-50W MR16 927 60D | 7,5 W              | 50 W                    |
| 30728500   | MASTER LED spot VLE D 5.8-35W MR16 940 60D | 5,8 W              | 35 W                    | 30740700   | MASTER LED SPOT VLE D 7.5-50W MR16 930 60D | 7,5 W              | 50 W                    |
| 30730800   | MASTER LEDspotLV DimTone 5.8-35W MR16 36D  | 5,8 W              | 35 W                    | 30742100   | MASTER LED SPOT VLE D 7.5-50W MR16 940 60D | 7,5 W              | 50 W                    |
| 30732200   | MASTER LED SPOT VLE D 7.5-50W MR16 927 36D | 7,5 W              | 50 W                    |            |                                            |                    |                         |

Temperatura

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| Order Code | Full Product Name                          | Temperatura máxima (nom.) |
|------------|--------------------------------------------|---------------------------|
| 30718600   | MASTER LED spot VLE D 5.8-35W MR16 927 36D | 85 °C                     |
| 30720900   | MASTER LED spot VLE D 5.8-35W MR16 930 36D | 85 °C                     |
| 30722300   | MASTER LED spot VLE D 5.8-35W MR16 940 36D | 85 °C                     |
| 30724700   | MASTER LED spot VLE D 5.8-35W MR16 927 60D | 85 °C                     |
| 30726100   | MASTER LED spot VLE D 5.8-35W MR16 930 60D | 85 °C                     |
| 30728500   | MASTER LED spot VLE D 5.8-35W MR16 940 60D | 85 °C                     |
| 30730800   | MASTER LEDspotLV DimTone 5.8-35W MR16 36D  | 88 °C                     |
| 30732200   | MASTER LED SPOT VLE D 7.5-50W MR16 927 36D | 95 °C                     |
| 30734600   | MASTER LED SPOT VLE D 7.5-50W MR16 930 36D | 95 °C                     |

Controles y regulación

| Order Code | Full Product Name                          | Regulable                        |
|------------|--------------------------------------------|----------------------------------|
| 30718600   | MASTER LED spot VLE D 5.8-35W MR16 927 36D | Solo con reguladores específicos |
| 30720900   | MASTER LED spot VLE D 5.8-35W MR16 930 36D | Solo con reguladores específicos |
| 30722300   | MASTER LED spot VLE D 5.8-35W MR16 940 36D | Solo con reguladores específicos |
| 30724700   | MASTER LED spot VLE D 5.8-35W MR16 927 60D | Solo con reguladores específicos |
| 30726100   | MASTER LED spot VLE D 5.8-35W MR16 930 60D | Solo con reguladores específicos |
| 30728500   | MASTER LED spot VLE D 5.8-35W MR16 940 60D | Solo con reguladores específicos |
| 30730800   | MASTER LEDspotLV DimTone 5.8-35W MR16 36D  | Solo con reguladores específicos |
| 30732200   | MASTER LED SPOT VLE D 7.5-50W MR16 927 36D | Solo con reguladores específicos |

Mecánicos y de carcasa

| Order Code | Full Product Name                          | Forma de la bombilla |
|------------|--------------------------------------------|----------------------|
| 30718600   | MASTER LED spot VLE D 5.8-35W MR16 927 36D | MR16                 |
| 30720900   | MASTER LED spot VLE D 5.8-35W MR16 930 36D | MR16                 |
| 30722300   | MASTER LED spot VLE D 5.8-35W MR16 940 36D | MR16                 |
| 30724700   | MASTER LED spot VLE D 5.8-35W MR16 927 60D | MR16                 |
| 30726100   | MASTER LED spot VLE D 5.8-35W MR16 930 60D | MR16                 |
| 30728500   | MASTER LED spot VLE D 5.8-35W MR16 940 60D | MR16                 |
| 30730800   | MASTER LEDspotLV DimTone 5.8-35W MR16 36D  | MR16                 |
| 30732200   | MASTER LED SPOT VLE D 7.5-50W MR16 927 36D | MR16                 |

Aprobación y aplicación

| Order Code | Full Product Name                          | Rango de temperatura ambiente | Consumo energético kWh/1000 h |
|------------|--------------------------------------------|-------------------------------|-------------------------------|
| 30718600   | MASTER LED spot VLE D 5.8-35W MR16 927 36D | -20 °C a +40 °C               | 6 kWh                         |

| Order Code | Full Product Name                          | Temperatura máxima (nom.) |
|------------|--------------------------------------------|---------------------------|
| 30736000   | MASTER LED SPOT VLE D 7.5-50W MR16 940 36D | 95 °C                     |
| 35990100   | MASTER LEDspotLV 3.5-20W 827 MR11 24D      | 85 °C                     |
| 30744500   | MASTER LEDspotLV DimTone 7.5-50W MR16 36D  | 95 °C                     |
| 30738400   | MASTER LED SPOT VLE D 7.5-50W MR16 927 60D | 95 °C                     |
| 30740700   | MASTER LED SPOT VLE D 7.5-50W MR16 930 60D | 95 °C                     |
| 30742100   | MASTER LED SPOT VLE D 7.5-50W MR16 940 60D | 95 °C                     |

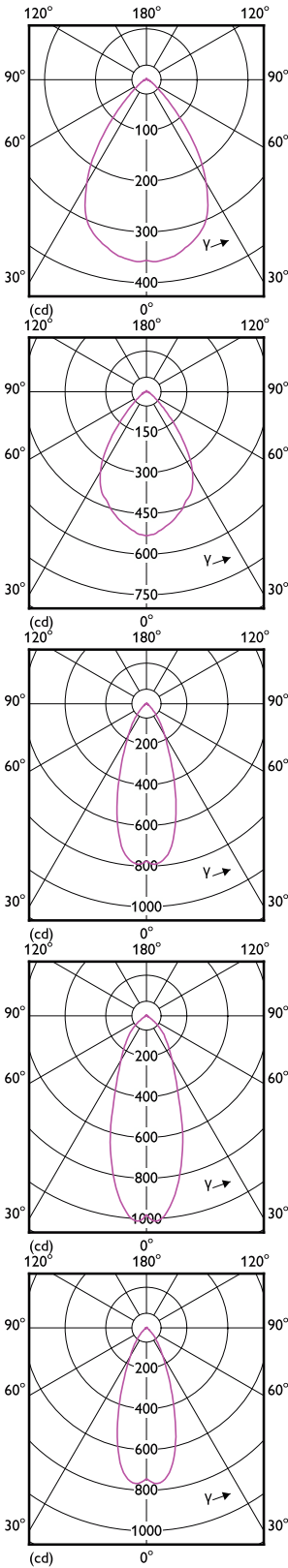
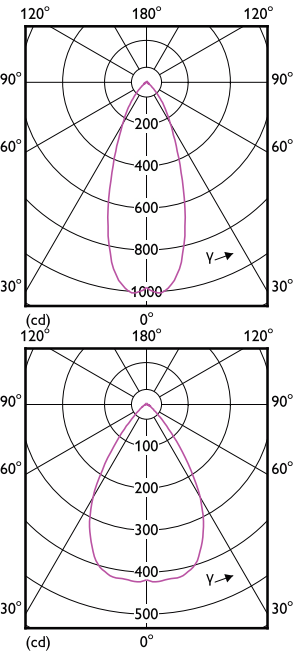
| Order Code | Full Product Name                          | Regulable                        |
|------------|--------------------------------------------|----------------------------------|
| 30734600   | MASTER LED SPOT VLE D 7.5-50W MR16 930 36D | Solo con reguladores específicos |
| 30736000   | MASTER LED SPOT VLE D 7.5-50W MR16 940 36D | Solo con reguladores específicos |
| 35990100   | MASTER LEDspotLV 3.5-20W 827 MR11 24D      | No                               |
| 30744500   | MASTER LEDspotLV DimTone 7.5-50W MR16 36D  | Solo con reguladores específicos |
| 30738400   | MASTER LED SPOT VLE D 7.5-50W MR16 927 60D | Solo con reguladores específicos |
| 30740700   | MASTER LED SPOT VLE D 7.5-50W MR16 930 60D | Solo con reguladores específicos |
| 30742100   | MASTER LED SPOT VLE D 7.5-50W MR16 940 60D | Solo con reguladores específicos |

| Order Code | Full Product Name                          | Forma de la bombilla |
|------------|--------------------------------------------|----------------------|
| 30734600   | MASTER LED SPOT VLE D 7.5-50W MR16 930 36D | MR16                 |
| 30736000   | MASTER LED SPOT VLE D 7.5-50W MR16 940 36D | MR16                 |
| 35990100   | MASTER LEDspotLV 3.5-20W 827 MR11 24D      | MR11                 |
| 30744500   | MASTER LEDspotLV DimTone 7.5-50W MR16 36D  | MR16                 |
| 30738400   | MASTER LED SPOT VLE D 7.5-50W MR16 927 60D | MR16                 |
| 30740700   | MASTER LED SPOT VLE D 7.5-50W MR16 930 60D | MR16                 |
| 30742100   | MASTER LED SPOT VLE D 7.5-50W MR16 940 60D | MR16                 |

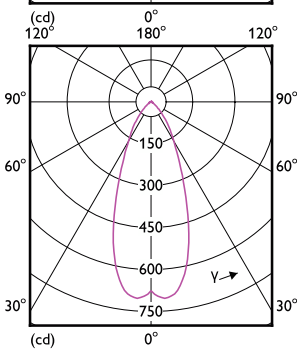
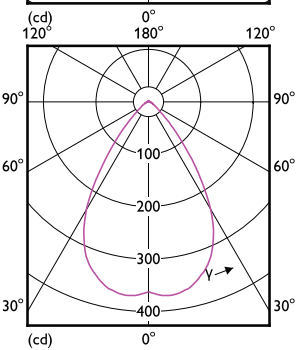
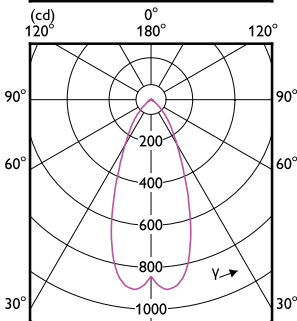
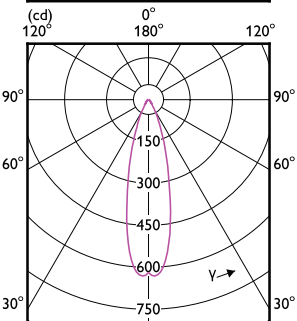
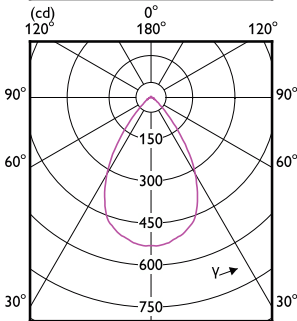
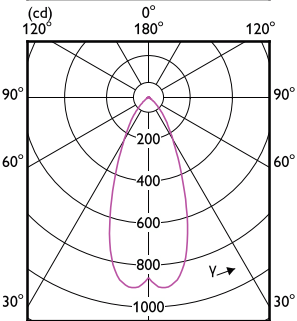
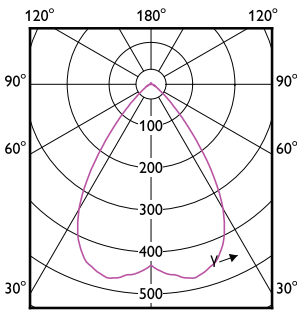
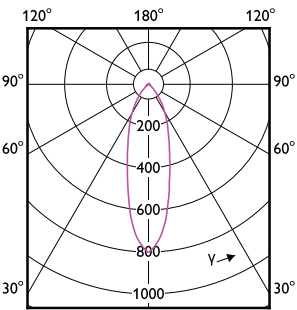
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|------------|--------------------------------------------|-------------------------------|-------------------------------|
| 30720900   | MASTER LED spot VLE D 5.8-35W MR16 930 36D | -20 °C a +40 °C               | 6 kWh                         |

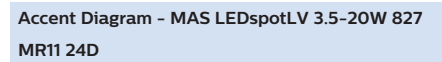
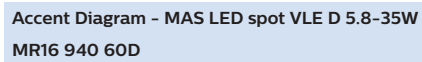
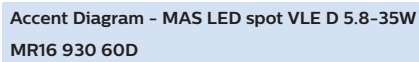
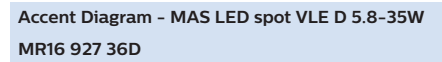
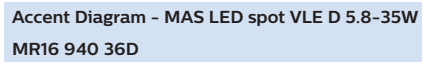
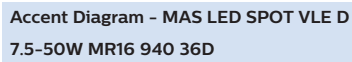
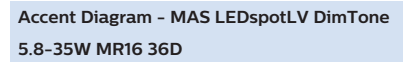
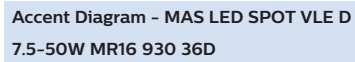
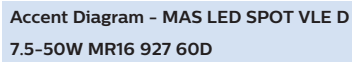
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| Order Code | Full Product Name                             | Rango de temperatura ambiente | Consumo energético kWh/1000 h |
|------------|-----------------------------------------------|-------------------------------|-------------------------------|
| 30722300   | MASTER LED spot VLE D<br>5.8-35W MR16 940 36D | -20 °C a +40 °C               | 6 kWh                         |
| 30724700   | MASTER LED spot VLE D<br>5.8-35W MR16 927 60D | -20 °C a +40 °C               | 6 kWh                         |
| 30726100   | MASTER LED spot VLE D<br>5.8-35W MR16 930 60D | -20 °C a +40 °C               | 6 kWh                         |
| 30728500   | MASTER LED spot VLE D<br>5.8-35W MR16 940 60D | -20 °C a +40 °C               | 6 kWh                         |
| 30730800   | MASTER LEDspotLV DimTone<br>5.8-35W MR16 36D  | -20 °C a +40 °C               | 6 kWh                         |
| 30732200   | MASTER LED SPOT VLE D<br>7.5-50W MR16 927 36D | -20 °C a +40 °C               | 8 kWh                         |
| 30734600   | MASTER LED SPOT VLE D<br>7.5-50W MR16 930 36D | -20 °C a +40 °C               | 8 kWh                         |
| 30736000   | MASTER LED SPOT VLE D<br>7.5-50W MR16 940 36D | -20 °C a +40 °C               | 8 kWh                         |
| 35990100   | MASTER LEDspotLV 3.5-20W<br>827 MR11 24D      | -20 °C a +45 °C               | 4 kWh                         |
| 30744500   | MASTER LEDspotLV DimTone<br>7.5-50W MR16 36D  | -20 °C a +40 °C               | 8 kWh                         |
| 30738400   | MASTER LED SPOT VLE D<br>7.5-50W MR16 927 60D | -20 °C a +40 °C               | 8 kWh                         |
| 30740700   | MASTER LED SPOT VLE D<br>7.5-50W MR16 930 60D | -20 °C a +40 °C               | 8 kWh                         |
| 30742100   | MASTER LED SPOT VLE D<br>7.5-50W MR16 940 60D | -20 °C a +40 °C               | 8 kWh                         |

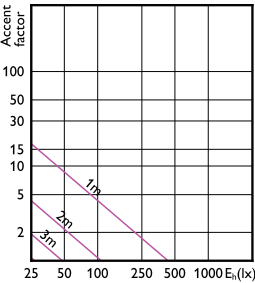


MASTER LEDspot 12V

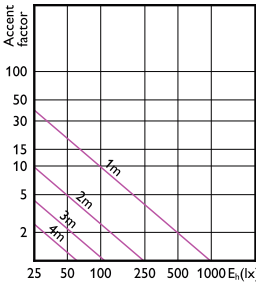




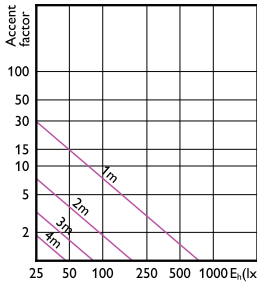
Accent Diagrams



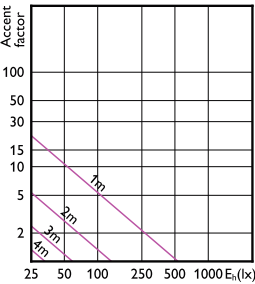
Accent Diagram - MAS LED SPOT VLE D  
7.5-50W MR16 930 60D



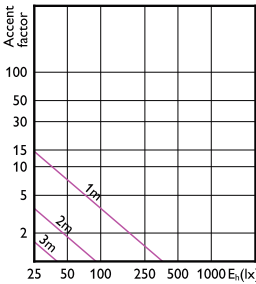
Accent Diagram - MAS LEDspotLV DimTone  
7.5-50W MR16 36D



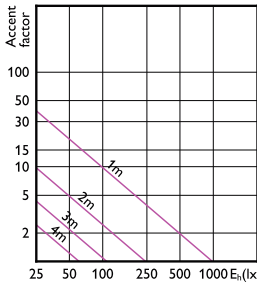
Accent Diagram - MAS LED spot VLE D 5.8-35W  
MR16 930 36D



Accent Diagram - MAS LED SPOT VLE D  
7.5-50W MR16 940 60D

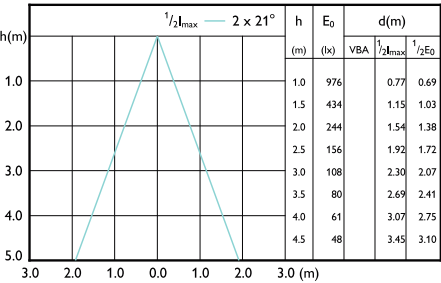


Accent Diagram - MAS LED spot VLE D 5.8-35W  
MR16 927 60D

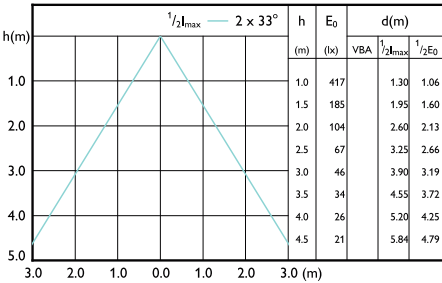


Accent Diagram - MAS LED SPOT VLE D  
7.5-50W MR16 927 36D

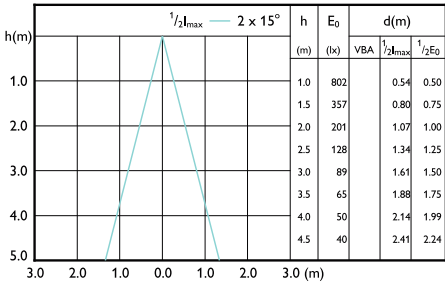
Beam Diagrams



Beam diagram - MAS LED SPOT VLE D 7.5-50W  
MR16 927 36D

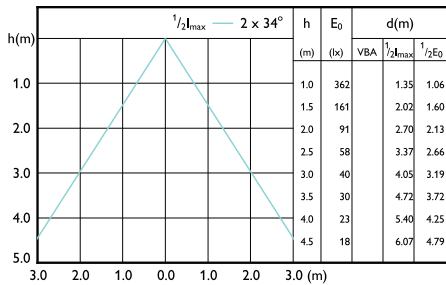


Beam diagram - MAS LED spot VLE D 5.8-35W  
MR16 940 60D

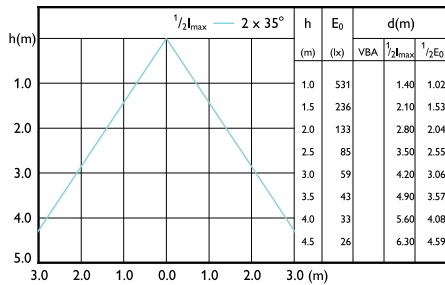


Beam diagram - MAS LEDspotLV DimTone  
5.8-35W MR16 36D

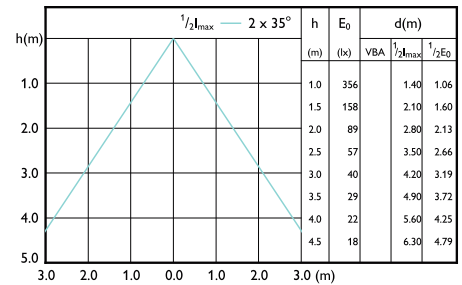
## Beam Diagrams



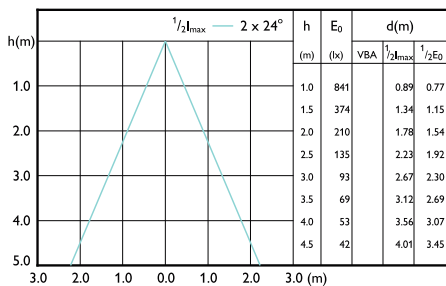
Beam diagram - MAS LED spot VLE D 5.8-35W  
MR16 927 60D



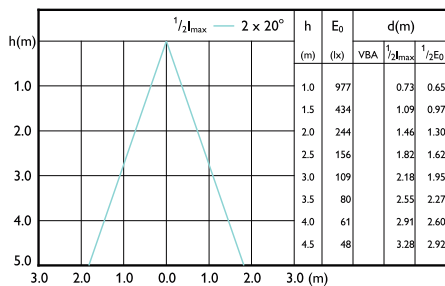
Beam diagram - MAS LED SPOT VLE D 7.5-50W  
MR16 940 60D



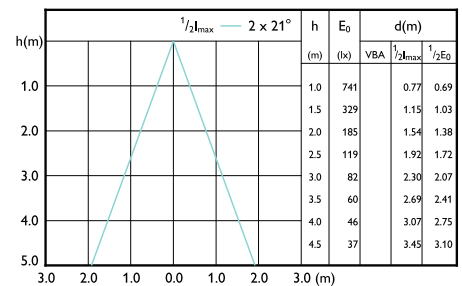
Beam diagram - MAS LED spot VLE D 5.8-35W  
MR16 930 60D



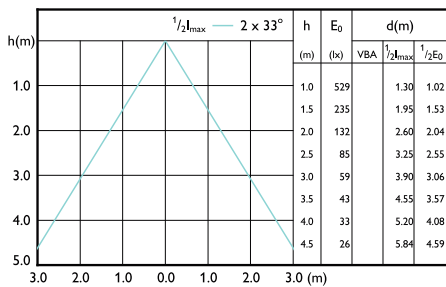
Beam diagram - MAS LED SPOT VLE D 7.5-50W  
MR16 940 36D



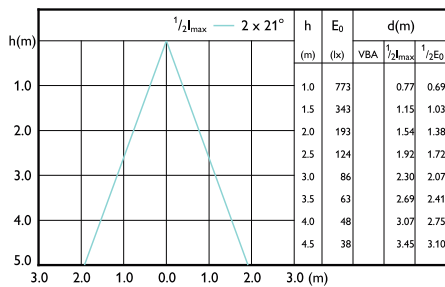
Beam diagram - MAS LEDspotLV DimTone  
7.5-50W MR16 36D



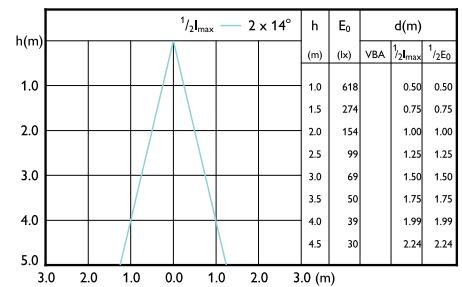
Beam diagram - MAS LED spot VLE D 5.8-35W  
MR16 930 36D



Beam diagram - MAS LED SPOT VLE D 7.5-50W  
MR16 927 60D

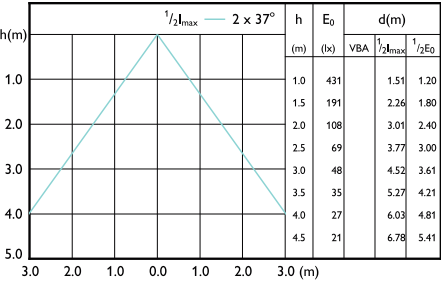


Beam diagram - MAS LED spot VLE D 5.8-35W  
MR16 940 36D

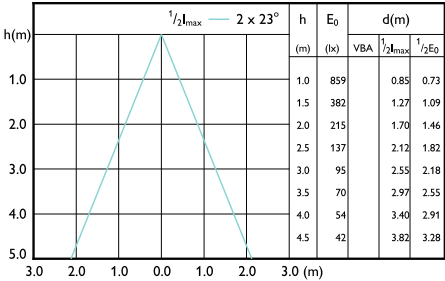


Beam diagram - MAS LEDspotLV 3.5-20W 827  
MR11 24D

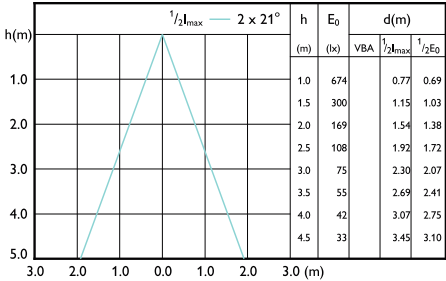
Beam Diagrams



Beam diagram - MAS LED SPOT VLE D 7.5-50W  
MR16 930 60D



Beam diagram - MAS LED SPOT VLE D 7.5-50W  
MR16 930 36D



Beam diagram - MAS LED spot VLE D 5.8-35W  
MR16 927 36D

