PHILIPS Lighting



MASTER LEDspot LV -The ideal solution for spot lighting

MASTER VALUE LEDspot LV

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and washrooms, where the light is on all the time. The robustly designed MASTER LEDspot offers a choice of beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

Benefits

- \cdot Up to 80% energy saving compared with halogen lamp
- \cdot Broad compatibility with transformers
- Retrofittable with low-voltage MR16 halogen lamps with GU5.3 socket

Features

- dimmable (the 7-35W and 10-50W versions)
- patented intelligent driver
- \cdot air movement mechanism (active fan cooling) with very low sound levels
- lifetime of 25,000 to 45,000 hours
- CRI90 (MR11 only)

Application

• Ideal for accent lighting in hotels, hospitals, shops and museums (e.g. floors, elevators, displays)

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

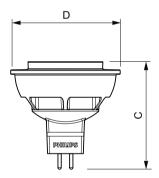
Versions

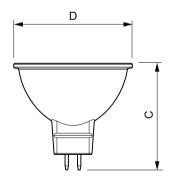


MASTER LED 5.5-50W MR16 GU5.3

LEDspots MAS SLR 2 MR11 GU4

Dimensional drawing

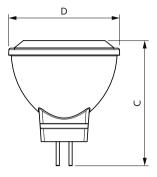


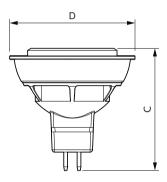


Product	D	с
MASTER LED 5.5-50W 2700K MR16 24D	50.2 mm	49 mm
MASTER LED 5.5-50W 2700K MR16 36D	50.2 mm	49 mm

Product	D	с
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

Dimensional drawing





General Information	
Switching Cycle	50,000
Light Technical	
LLMF At End Of Nominal Lifetime	70 %
(Nom)	
(Nom)	
(Nom) Operating and Electrical	
	- Hz

General Information

Order Code	Full Product Name	Cap-Base	Nominal lifetime
30718600	MASTER LED spot VLE D 5.8-35W MR16 927	GU5.3	25,000 hour(s)
	36D		
30732200	MASTER LED SPOT VLE D 7.5-50W MR16	GU5.3	25,000 hour(s)
	927 36D		
30734600	MASTER LED SPOT VLE D 7.5-50W MR16	GU5.3	25,000 hour(s)
	930 36D		
30736000	MASTER LED SPOT VLE D 7.5-50W MR16	GU5.3	25,000 hour(s)
	940 36D		
47599700	MASTER LED 5.5-50W 2700K MR16 24D	GU5.3	25,000 hour(s)
47603100	MASTER LED 5.5-50W 2700K MR16 36D	GU5.3	25,000 hour(s)
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	GU4	40,000 hour(s)
17446700	MASTER LED 3.9-35W 2700K MR16 24D	GU5.3	25,000 hour(s)

Order Code	Full Product Name	Cap-Base	Nominal lifetime
17448100	MASTER LED 3.9-35W 3000K MR16 24D	GU5.3	25,000 hour(s)
17450400	MASTER LED 3.9-35W 2700K MR16 36D	GU5.3	25,000 hour(s)
17452800	MASTER LED 3.9-35W 3000K MR16 36D	GU5.3	25,000 hour(s)
17454200	MASTER LED 4.9-50W 2700K MR16 24D	GU5.3	25,000 hour(s)
17456600	MASTER LED 4.9-50W 3000K MR16 24D	GU5.3	25,000 hour(s)
17458000	MASTER LED 4.9-50W 4000K MR16 24D	GU5.3	25,000 hour(s)
17460300	MASTER LED 4.9-50W 2700K MR16 36D	GU5.3	25,000 hour(s)
17462700	MASTER LED 4.9-50W 3000K MR16 36D	GU5.3	25,000 hour(s)
17464100	MASTER LED 4.9-50W 4000K MR16 36D	GU5.3	25,000 hour(s)
30738400	MASTER LED SPOT VLE D 7.5-50W MR16	GU5.3	25,000 hour(s)
	927 60D		

Product	D	с
MAS LEDspotLV 3.5-20W 827 MR11 24D	35.1 mm	39.5 mm

Product	D	с
MASTER LED 3.9-35W 2700K MR16 24D	50.5 mm	50 mm
MASTER LED 3.9-35W 2700K MR16 36D	50.5 mm	50 mm
MASTER LED 3.9-35W 3000K MR16 24D	50.5 mm	50 mm
MASTER LED 3.9-35W 3000K MR16 36D	50.5 mm	50 mm
MASTER LED 4.9-50W 2700K MR16 24D	50.5 mm	50 mm
MASTER LED 4.9-50W 2700K MR16 36D	50.5 mm	50 mm
MASTER LED 4.9-50W 3000K MR16 24D	50.5 mm	50 mm
MASTER LED 4.9-50W 3000K MR16 36D	50.5 mm	50 mm
MASTER LED 4.9-50W 4000K MR16 24D	50.5 mm	50 mm
MASTER LED 4.9-50W 4000K MR16 36D	50.5 mm	50 mm

Order Code	e Full Product Name	Cap-Bas	e Nominal lifetime	Order Code	Full Product Name	Cap-Bas	e Nominal lifetime
30740700	MASTER LED SPOT VLE D 7.5-50W MR16	GU5.3	25,000 hour(s)	30742100	MASTER LED SPOT VLE D 7.5-50W MR16	GU5.3	25,000 hour(s)
	930 60D				940 60D		

Light Technical

Order Code Full Product Name Beam Angle (Nom) Temperature (Nom) index (CRI) Color Code Luminous Flux (Nom) 30718600 MASTER LED spot VLE D 5.8-35W MR16 927 36D 36 degree(s) 2700 K 90 927 450 lm 1,300 cd 3073200 MASTER LED SPOT VLE D 7.5-50W MR16 927 36D 36 degree(s) 2700 K 90 927 621 lm 1,600 cd 30734600 MASTER LED SPOT VLE D 7.5-50W MR16 930 36D 36 degree(s) 3000 K 90 940 660 lm 1,500 cd 30736000 MASTER LED SPOT VLE D 7.5-50W MR16 940 36D 36 degree(s) 2700 K 80 827 415 lm 1,800 cd 47509700 MASTER LED SPOT VLE D 7.5-0W MR16 34D 24 degree(s) 2700 K 80 827 415 lm 1,000 cd 35990100 MASTER LED 3.9-35W 2700K MR16 34D 24 degree(s) 2700 K 80 827 200 lm 1,000 cd 17446700 MASTER LED 3.9-35W 2700K MR16 24D 24 degree(s) 3000 K 90 927 270 lm 1,000 cd 17454000 MASTER LE				Correlated Color	Color rendering			Luminous Intensity
30732200 MASTER LED SPOT VLE D 7.5-50W MRI6 927 36D 36 degree(s) 2700 K 90 927 621 lm 1.600 cd 3073200 MASTER LED SPOT VLE D 7.5-50W MRI6 930 36D 36 degree(s) 3000 K 90 930 630 lm 1.600 cd 30734600 MASTER LED SPOT VLE D 7.5-50W MRI6 940 36D 36 degree(s) 4000 K 90 940 660 lm 1.500 cd 47599700 MASTER LED 5.5-0W 2700K MRI6 24D 24 degree(s) 2700 K 80 827 415 lm 1.800 cd 47603100 MASTER LED 5.5-0W 2700K MRI6 36D 36 degree(s) 2700 K 80 827 415 lm 1.000 cd 35990100 MASTER LED 3.9-3SW 2700K MRI6 24D 24 degree(s) 2700 K 80 827 200 lm 1.000 cd 17446700 MASTER LED 3.9-3SW 2700K MRI6 24D 24 degree(s) 2700 K 90 927 270 lm 1.000 cd 17445700 MASTER LED 3.9-3SW 2700K MRI6 24D 24 degree(s) 2700 K 90 927 270 lm 1.000 cd 17458000 MASTER LED 3.9-3SW 2000K MRI6 24D 24 degree(s) 2700 K 90 927 270 lm 600 cd <th>Order Code</th> <th>Full Product Name</th> <th>Beam Angle (Nom)</th> <th>Temperature (Nom)</th> <th>index (CRI)</th> <th>Color Code</th> <th>Luminous Flux</th> <th>(Nom)</th>	Order Code	Full Product Name	Beam Angle (Nom)	Temperature (Nom)	index (CRI)	Color Code	Luminous Flux	(Nom)
30734600 MASTER LED SPOT VLE D 7.5-50W MRI6 930 36D 36 degree(s) 3000 K 90 930 630 lm 1,600 cd 30736000 MASTER LED SPOT VLE D 7.5-50W MRI6 940 36D 36 degree(s) 4000 K 90 940 660 lm 1,500 cd 47599700 MASTER LED 5.5-50W 2700K MRI6 24D 24 degree(s) 2700 K 80 827 415 lm 1,800 cd 47603100 MASTER LED 5.5-50W 2700K MRI6 36D 36 degree(s) 2700 K 80 827 415 lm 1,000 cd 35990100 MASTER LED 3.5-20W 827 MRI1 24D 24 degree(s) 2700 K 80 827 200 lm 1,000 cd 17446700 MASTER LED 3.9-35W 2700K MRI6 24D 24 degree(s) 2700 K 90 930 280 lm 1,000 cd 17446700 MASTER LED 3.9-35W 2700K MRI6 24D 24 degree(s) 2700 K 90 930 280 lm 1,000 cd 17448100 MASTER LED 3.9-35W 3000K MRI6 34D 36 degree(s) 2700 K 90 930 280 lm 1,000 cd 1745800 MASTER LED 3.9-35W 3000K MRI6 34D 36	30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	36 degree(s)	2700 K	90	927	450 lm	1,300 cd
30736000MASTER LED SPOT VLE D 7.5-50W MR16 940 36D36 degree(s)4000 K90940660 lm1,500 cd47599700MASTER LED 5.5-50W 2700K MR16 24D24 degree(s)2700 K80827415 lm1,800 cd47603100MASTER LED 5.5-50W 2700K MR16 36D36 degree(s)2700 K80827415 lm1,000 cd35990100MASTER LED SpotLV 3.5-20W 827 MR11 24D24 degree(s)2700 K80827200 lm1,000 cd17446700MASTER LED 3.9-35W 2700K MR16 24D24 degree(s)2700 K90927270 lm1,000 cd17446700MASTER LED 3.9-35W 2700K MR16 24D24 degree(s)2700 K90930280 lm1,000 cd17448100MASTER LED 3.9-35W 3000K MR16 24D24 degree(s)2700 K90927270 lm600 cd17458000MASTER LED 3.9-35W 3000K MR16 36D36 degree(s)2700 K90927270 lm600 cd1745200MASTER LED 4.9-50W 2700K MR16 36D36 degree(s)2700 K90927415 lm1,600 cd1745800MASTER LED 4.9-50W 3000K MR16 24D24 degree(s)3000 K90930425 lm1,700 cd1745800MASTER LED 4.9-50W 3000K MR16 24D24 degree(s)3000 K90930425 lm1,700 cd17458000MASTER LED 4.9-50W 3000K MR16 24D24 degree(s)3000 K90930425 lm1,700 cd17458000MASTER LED 4.9-50W 3000K MR16 36D36 degree(s)2700 K90927<	30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	36 degree(s)	2700 K	90	927	621 lm	1,600 cd
47599700MASTER LED 5.5-50W 2700K MR16 24D24 degree(s)2700 K80827415 lm1.800 cd47603100MASTER LED 5.5-50W 2700K MR16 36D36 degree(s)2700 K80827415 lm1.000 cd35990100MASTER LED 3.9-35W 2700K MR16 24D24 degree(s)2700 K80827200 lm1.000 cd17446700MASTER LED 3.9-35W 2700K MR16 24D24 degree(s)2700 K90927270 lm1.000 cd17448100MASTER LED 3.9-35W 2700K MR16 24D24 degree(s)2700 K90930280 lm1.000 cd17450400MASTER LED 3.9-35W 2700K MR16 36D36 degree(s)2700 K90927270 lm600 cd1745200MASTER LED 3.9-35W 2700K MR16 36D36 degree(s)2700 K90930280 lm1.000 cd1745200MASTER LED 4.9-50W 2700K MR16 24D24 degree(s)2700 K90927415 lm1.600 cd1745200MASTER LED 4.9-50W 2700K MR16 24D24 degree(s)2700 K90927415 lm1.600 cd1745200MASTER LED 4.9-50W 2700K MR16 24D24 degree(s)3000 K90930425 lm1.700 cd1745600MASTER LED 4.9-50W 2700K MR16 24D24 degree(s)3000 K90930425 lm1.700 cd1745600MASTER LED 4.9-50W 2700K MR16 36D36 degree(s)2700 K90927415 lm900 cd17460300MASTER LED 4.9-50W 2700K MR16 36D36 degree(s)2700 K90927415 lm <td< td=""><td>30734600</td><td>MASTER LED SPOT VLE D 7.5-50W MR16 930 36D</td><td>36 degree(s)</td><td>3000 K</td><td>90</td><td>930</td><td>630 lm</td><td>1,600 cd</td></td<>	30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	36 degree(s)	3000 K	90	930	630 lm	1,600 cd
47603100MASTER LED 5.5-SOW 2700K MR16 36D36 degree(s)2700 K80827415 lm1,000 cd35990100MASTER LEDspotLV 3.5-20W 827 MR11 24D24 degree(s)2700 K80827200 lm1,000 cd17446700MASTER LED 3.9-35W 2700K MR16 24D24 degree(s)2700 K90927270 lm1,000 cd17448100MASTER LED 3.9-35W 2700K MR16 24D24 degree(s)3000 K90930280 lm1,000 cd17448100MASTER LED 3.9-35W 2700K MR16 36D36 degree(s)2700 K90927270 lm600 cd17452800MASTER LED 3.9-35W 2700K MR16 36D36 degree(s)2700 K90930280 lm600 cd17452800MASTER LED 4.9-50W 2700K MR16 36D36 degree(s)2700 K90930280 lm1,000 cd17452600MASTER LED 4.9-50W 2700K MR16 24D24 degree(s)2700 K90930280 lm1,000 cd17458000MASTER LED 4.9-50W 3000K MR16 24D24 degree(s)3000 K90930425 lm1,700 cd17458000MASTER LED 4.9-50W 4000K MR16 24D24 degree(s)3000 K90940430 lm1,700 cd17460300MASTER LED 4.9-50W 3000K MR16 36D36 degree(s)2700 K90927415 lm900 cd17460300MASTER LED 4.9-50W 3000K MR16 36D36 degree(s)3000 K90930425 lm950 cd17460300MASTER LED 4.9-50W 3000K MR16 36D36 degree(s)3000 K90930425 lm </td <td>30736000</td> <td>MASTER LED SPOT VLE D 7.5-50W MR16 940 36D</td> <td>36 degree(s)</td> <td>4000 K</td> <td>90</td> <td>940</td> <td>660 lm</td> <td>1,500 cd</td>	30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	36 degree(s)	4000 K	90	940	660 lm	1,500 cd
35990100 MASTER LEDspotLV 3.5-20W 827 MR11 24D 24 degree(s) 2700 K 80 827 200 lm 1,000 cd 17446700 MASTER LED 3.9-35W 2700K MR16 24D 24 degree(s) 2700 K 90 927 270 lm 1,000 cd 17448100 MASTER LED 3.9-35W 3000K MR16 24D 24 degree(s) 3000 K 90 930 280 lm 1,000 cd 17450400 MASTER LED 3.9-35W 2700K MR16 36D 36 degree(s) 2700 K 90 927 270 lm 600 cd 17452800 MASTER LED 3.9-35W 3000K MR16 36D 36 degree(s) 2700 K 90 930 280 lm 600 cd 17452800 MASTER LED 4.9-50W 2700K MR16 24D 24 degree(s) 2700 K 90 930 280 lm 600 cd 17456600 MASTER LED 4.9-50W 2700K MR16 24D 24 degree(s) 3000 K 90 930 425 lm 1,700 cd 17458000 MASTER LED 4.9-50W 3000K MR16 24D 24 degree(s) 3000 K 90 940 430 lm 1,700 cd 17458000 MASTER LED 4.9-50W 4000K MR16 36D 36 degree(s) 2700 K 90 927 415 lm 900 cd	47599700	MASTER LED 5.5-50W 2700K MR16 24D	24 degree(s)	2700 K	80	827	415 lm	1,800 cd
17446700 MASTER LED 3.9-35W 2700K MR16 24D 24 degree(s) 2700 K 90 927 270 lm 1,000 cd 17448100 MASTER LED 3.9-35W 3000K MR16 24D 24 degree(s) 3000 K 90 930 280 lm 1,000 cd 17450400 MASTER LED 3.9-35W 2700K MR16 36D 36 degree(s) 2700 K 90 927 270 lm 600 cd 17450400 MASTER LED 3.9-35W 3000K MR16 36D 36 degree(s) 3000 K 90 930 280 lm 600 cd 17452800 MASTER LED 4.9-50W 2700K MR16 36D 36 degree(s) 2700 K 90 930 280 lm 600 cd 17458000 MASTER LED 4.9-50W 2700K MR16 24D 24 degree(s) 3000 K 90 927 415 lm 1,600 cd 17458000 MASTER LED 4.9-50W 3000K MR16 24D 24 degree(s) 3000 K 90 930 425 lm 1,700 cd 17458000 MASTER LED 4.9-50W 4000K MR16 36D 36 degree(s) 2700 K 90 940 430 lm 1,700 cd 17460300 MASTER LED 4.9-50W 3000K MR16 36D 36 degree(s) 2700 K 90 930 425 lm 950 cd <t< td=""><td>47603100</td><td>MASTER LED 5.5-50W 2700K MR16 36D</td><td>36 degree(s)</td><td>2700 K</td><td>80</td><td>827</td><td>415 lm</td><td>1,000 cd</td></t<>	47603100	MASTER LED 5.5-50W 2700K MR16 36D	36 degree(s)	2700 K	80	827	415 lm	1,000 cd
17448100 MASTER LED 3.9-35W 3000K MR16 24D 24 degree(s) 3000 K 90 930 280 lm 1,000 cd 17450400 MASTER LED 3.9-35W 2700K MR16 36D 36 degree(s) 2700 K 90 927 270 lm 600 cd 17452800 MASTER LED 3.9-35W 3000K MR16 36D 36 degree(s) 3000 K 90 930 280 lm 600 cd 17452800 MASTER LED 4.9-50W 2700K MR16 36D 36 degree(s) 3000 K 90 927 415 lm 1,600 cd 17452800 MASTER LED 4.9-50W 2700K MR16 24D 24 degree(s) 2700 K 90 927 415 lm 1,600 cd 17458000 MASTER LED 4.9-50W 3000K MR16 24D 24 degree(s) 3000 K 90 930 425 lm 1,700 cd 17458000 MASTER LED 4.9-50W 4000K MR16 24D 24 degree(s) 2700 K 90 940 430 lm 1,700 cd 17460300 MASTER LED 4.9-50W 2700K MR16 36D 36 degree(s) 2700 K 90 927 415 lm 900 cd 17460300 MASTER LED 4.9-50W 3000K MR16 36D 36 degree(s) 3000 K 90 930 425 lm 950 cd <t< td=""><td>35990100</td><td>MASTER LEDspotLV 3.5-20W 827 MR11 24D</td><td>24 degree(s)</td><td>2700 K</td><td>80</td><td>827</td><td>200 lm</td><td>1,000 cd</td></t<>	35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	24 degree(s)	2700 K	80	827	200 lm	1,000 cd
17450400 MASTER LED 3.9-35W 2700K MR16 36D 36 degree(s) 2700 K 90 927 270 lm 600 cd 17452800 MASTER LED 3.9-35W 3000K MR16 36D 36 degree(s) 3000 K 90 930 280 lm 600 cd 17452800 MASTER LED 4.9-50W 2700K MR16 24D 24 degree(s) 2700 K 90 927 415 lm 1,600 cd 17456600 MASTER LED 4.9-50W 3000K MR16 24D 24 degree(s) 3000 K 90 930 425 lm 1,700 cd 17458000 MASTER LED 4.9-50W 4000K MR16 24D 24 degree(s) 4000 K 90 940 430 lm 1,700 cd 17458000 MASTER LED 4.9-50W 2700K MR16 36D 36 degree(s) 2700 K 90 927 415 lm 900 cd 17463000 MASTER LED 4.9-50W 2700K MR16 36D 36 degree(s) 2700 K 90 927 415 lm 900 cd 17462700 MASTER LED 4.9-50W 3000K MR16 36D 36 degree(s) 3000 K 90 930 425 lm 950 cd 17464100 MASTER LED 4.9-50W 4000K MR16 36D 36 degree(s) 3000 K 90 940 430 lm 950 cd 30	17446700	MASTER LED 3.9-35W 2700K MR16 24D	24 degree(s)	2700 K	90	927	270 lm	1,000 cd
17452800 MASTER LED 3.9-35W 3000K MR16 36D 36 degree(s) 3000 K 90 930 280 lm 600 cd 17454200 MASTER LED 4.9-50W 2700K MR16 24D 24 degree(s) 2700 K 90 927 415 lm 1,600 cd 17456600 MASTER LED 4.9-50W 3000K MR16 24D 24 degree(s) 3000 K 90 930 425 lm 1,700 cd 17458000 MASTER LED 4.9-50W 4000K MR16 24D 24 degree(s) 4000 K 90 940 430 lm 1,700 cd 17458000 MASTER LED 4.9-50W 2700K MR16 36D 36 degree(s) 2700 K 90 927 415 lm 900 cd 17462700 MASTER LED 4.9-50W 3000K MR16 36D 36 degree(s) 2700 K 90 927 415 lm 900 cd 17462700 MASTER LED 4.9-50W 3000K MR16 36D 36 degree(s) 3000 K 90 930 425 lm 950 cd 17464100 MASTER LED 4.9-50W 4000K MR16 36D 36 degree(s) 4000 K 90 940 430 lm 950 cd 30738400 MASTER LED 5POT VLE D 7.5-50W MR16 927 60D 60 degree(s) 2700 K 90 927 621 lm 750 cd <	17448100	MASTER LED 3.9-35W 3000K MR16 24D	24 degree(s)	3000 K	90	930	280 lm	1,000 cd
17454200 MASTER LED 4.9-50W 2700K MR16 24D 24 degree(s) 2700 K 90 927 415 lm 1,600 cd 17456600 MASTER LED 4.9-50W 3000K MR16 24D 24 degree(s) 3000 K 90 930 425 lm 1,700 cd 17458000 MASTER LED 4.9-50W 4000K MR16 24D 24 degree(s) 4000 K 90 940 430 lm 1,700 cd 17460300 MASTER LED 4.9-50W 2700K MR16 36D 36 degree(s) 2700 K 90 927 415 lm 900 cd 17460300 MASTER LED 4.9-50W 3000K MR16 36D 36 degree(s) 2700 K 90 930 425 lm 900 cd 17462700 MASTER LED 4.9-50W 4000K MR16 36D 36 degree(s) 3000 K 90 930 425 lm 950 cd 17464100 MASTER LED 4.9-50W 4000K MR16 36D 36 degree(s) 4000 K 90 940 430 lm 950 cd 30738400 MASTER LED 5POT VLE D 7.5-50W MR16 927 60D 60 degree(s) 2700 K 90 927 621 lm 750 cd	17450400	MASTER LED 3.9-35W 2700K MR16 36D	36 degree(s)	2700 K	90	927	270 lm	600 cd
17456600 MASTER LED 4.9-50W 3000K MR16 24D 24 degree(s) 3000 K 90 930 425 lm 1,700 cd 17458000 MASTER LED 4.9-50W 4000K MR16 24D 24 degree(s) 4000 K 90 940 430 lm 1,700 cd 17460300 MASTER LED 4.9-50W 2700K MR16 36D 36 degree(s) 2700 K 90 927 415 lm 900 cd 17462700 MASTER LED 4.9-50W 3000K MR16 36D 36 degree(s) 3000 K 90 930 425 lm 950 cd 17464100 MASTER LED 4.9-50W 4000K MR16 36D 36 degree(s) 4000 K 90 940 430 lm 950 cd 30738400 MASTER LED 5POT VLE D 7.5-50W MR16 927 60D 60 degree(s) 2700 K 90 927 621 lm 750 cd	17452800	MASTER LED 3.9-35W 3000K MR16 36D	36 degree(s)	3000 K	90	930	280 lm	600 cd
17458000 MASTER LED 4.9-50W 4000K MR16 24D 24 degree(s) 4000 K 90 940 430 lm 1,700 cd 17460300 MASTER LED 4.9-50W 2700K MR16 36D 36 degree(s) 2700 K 90 927 415 lm 900 cd 17462700 MASTER LED 4.9-50W 3000K MR16 36D 36 degree(s) 3000 K 90 930 425 lm 950 cd 17464100 MASTER LED 4.9-50W 4000K MR16 36D 36 degree(s) 4000 K 90 940 430 lm 950 cd 30738400 MASTER LED 5POT VLE D 7.5-50W MR16 927 60D 60 degree(s) 2700 K 90 927 621 lm 750 cd	17454200	MASTER LED 4.9-50W 2700K MR16 24D	24 degree(s)	2700 K	90	927	415 lm	1,600 cd
17460300 MASTER LED 4.9-50W 2700K MR16 36D 36 degree(s) 2700 K 90 927 415 lm 900 cd 17462700 MASTER LED 4.9-50W 3000K MR16 36D 36 degree(s) 3000 K 90 930 425 lm 950 cd 17464100 MASTER LED 4.9-50W 4000K MR16 36D 36 degree(s) 4000 K 90 940 430 lm 950 cd 30738400 MASTER LED SPOT VLE D 7.5-50W MR16 927 60D 60 degree(s) 2700 K 90 927 621 lm 750 cd	17456600	MASTER LED 4.9-50W 3000K MR16 24D	24 degree(s)	3000 K	90	930	425 lm	1,700 cd
17462700 MASTER LED 4.9-50W 3000K MR16 36D 36 degree(s) 3000 K 90 930 425 lm 950 cd 17464100 MASTER LED 4.9-50W 4000K MR16 36D 36 degree(s) 4000 K 90 940 430 lm 950 cd 30738400 MASTER LED SPOT VLE D 7.5-50W MR16 927 60D 60 degree(s) 2700 K 90 927 621 lm 750 cd	17458000	MASTER LED 4.9-50W 4000K MR16 24D	24 degree(s)	4000 K	90	940	430 lm	1,700 cd
17464100 MASTER LED 4.9-50W 4000K MR16 36D 36 degree(s) 4000 K 90 940 430 lm 950 cd 30738400 MASTER LED SPOT VLE D 7.5-50W MR16 927 60D 60 degree(s) 2700 K 90 927 621 lm 750 cd	17460300	MASTER LED 4.9-50W 2700K MR16 36D	36 degree(s)	2700 K	90	927	415 lm	900 cd
30738400 MASTER LED SPOT VLE D 7.5-50W MR16 927 60D 60 degree(s) 2700 K 90 927 621 lm 750 cd	17462700	MASTER LED 4.9-50W 3000K MR16 36D	36 degree(s)	3000 K	90	930	425 lm	950 cd
	17464100	MASTER LED 4.9-50W 4000K MR16 36D	36 degree(s)	4000 K	90	940	430 lm	950 cd
30740700 MASTER LED SPOT VLE D 7 5-50W MR16 930 60D 60 degree(s) 3000 K 90 930 630 lm 800 cd	30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	60 degree(s)	2700 K	90	927	621 lm	750 cd
	30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	60 degree(s)	3000 K	90	930	630 lm	800 cd
30742100 MASTER LED SPOT VLE D 7.5-50W MR16 940 60D 60 degree(s) 4000 K 90 940 660 lm 770 cd	30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	60 degree(s)	4000 K	90	940	660 lm	770 cd

Operating and Electrical

		Line	Power	Wattage			Line	Power	Wattage
Order Code	Full Product Name	Frequency	Consumption	Equivalent	Order Code	Full Product Name	Frequency	Consumption	Equivalen
30718600	MASTER LED spot VLE	– Hz	5.8 W	35 W	17446700	MASTER LED 3.9-35W	-	3.9 W	35 W
	D 5.8-35W MR16 927					2700K MR16 24D			
	36D				17448100	MASTER LED 3.9-35W	-	3.9 W	35 W
30732200	MASTER LED SPOT VLE	– Hz	7.5 W	50 W		3000K MR16 24D			
	D 7.5-50W MR16 927				17450400	MASTER LED 3.9-35W	-	3.9 W	35 W
	36D					2700K MR16 36D			
30734600	MASTER LED SPOT VLE	– Hz	7.5 W	50 W	17452800	MASTER LED 3.9-35W	-	3.9 W	35 W
	D 7.5-50W MR16 930					3000K MR16 36D			
	36D				17454200	MASTER LED 4.9-50W	-	4.9 W	50 W
30736000	MASTER LED SPOT VLE	– Hz	7.5 W	50 W		2700K MR16 24D			
	D 7.5-50W MR16 940				17456600	MASTER LED 4.9-50W	-	4.9 W	50 W
	36D					3000K MR16 24D			
47599700	MASTER LED 5.5-50W	– Hz	5.5 W	50 W	17458000	MASTER LED 4.9-50W	-	4.9 W	50 W
	2700K MR16 24D					4000K MR16 24D			
47603100	MASTER LED 5.5-50W	– Hz	5.5 W	50 W	17460300	MASTER LED 4.9-50W	-	4.9 W	50 W
	2700K MR16 36D					2700K MR16 36D			
35990100	MASTER LEDspotLV	- Hz	3.5 W	20 W	17462700	MASTER LED 4.9-50W	-	4.9 W	50 W
	3.5-20W 827 MR11 24D					3000K MR16 36D			

		Line	Power	Wattage
Order Code	Full Product Name	Frequency	Consumption	Equivalent
17464100	MASTER LED 4.9-50W	-	4.9 W	50 W
	4000K MR16 36D			
30738400	MASTER LED SPOT VLE	- Hz	7.5 W	50 W
	D 7.5-50W MR16 927			
	60D			
30740700	MASTER LED SPOT VLE	- Hz	7.5 W	50 W
	D 7.5-50W MR16 930			
	60D			

		Line	Power	Wattage
Order Code	Full Product Name	Frequency	Consumption	Equivalent
30742100	MASTER LED SPOT VLE	- Hz	7.5 W	50 W
	D 7.5-50W MR16 940			
	60D			

Temperature

		T-Case Maximum
Order Code	Full Product Name	(Nom)
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	85 °C
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	95 ℃
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	95 ℃
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	95 °C
47599700	MASTER LED 5.5-50W 2700K MR16 24D	95 ℃
47603100	MASTER LED 5.5-50W 2700K MR16 36D	95 ℃
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	85 °C
17446700	MASTER LED 3.9-35W 2700K MR16 24D	68 °C
17448100	MASTER LED 3.9-35W 3000K MR16 24D	68 °C
17450400	MASTER LED 3.9-35W 2700K MR16 36D	68 °C

		T-Case Maximum
Order Code	Full Product Name	(Nom)
17452800	MASTER LED 3.9-35W 3000K MR16 36D	68 °C
17454200	MASTER LED 4.9-50W 2700K MR16 24D	72 °C
17456600	MASTER LED 4.9-50W 3000K MR16 24D	72 °C
17458000	MASTER LED 4.9-50W 4000K MR16 24D	72 °C
17460300	MASTER LED 4.9-50W 2700K MR16 36D	72 °C
17462700	MASTER LED 4.9-50W 3000K MR16 36D	72 °C
17464100	MASTER LED 4.9-50W 4000K MR16 36D	72 °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

Controls and Dimming

Order Code	Full Product Name	Dimmable
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	Only with specific
		dimmers
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	Only with specific
		dimmers
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	Only with specific
		dimmers
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	Only with specific
		dimmers
47599700	MASTER LED 5.5-50W 2700K MR16 24D	dimmers No
47599700 47603100	MASTER LED 5.5-50W 2700K MR16 24D MASTER LED 5.5-50W 2700K MR16 36D	
		No
47603100	MASTER LED 5.5-50W 2700K MR16 36D	No No
47603100 35990100	MASTER LED 5.5-50W 2700K MR16 36D MASTER LEDspotLV 3.5-20W 827 MR11 24D	No No No
47603100 35990100 17446700	MASTER LED 5.5-50W 2700K MR16 36D MASTER LEDspotLV 3.5-20W 827 MR11 24D MASTER LED 3.9-35W 2700K MR16 24D	No No No No

Order Code	Full Product Name	Dimmable
17452800	MASTER LED 3.9-35W 3000K MR16 36D	No
17454200	MASTER LED 4.9-50W 2700K MR16 24D	No
17456600	MASTER LED 4.9-50W 3000K MR16 24D	No
17458000	MASTER LED 4.9-50W 4000K MR16 24D	No
17460300	MASTER LED 4.9-50W 2700K MR16 36D	No
17462700	MASTER LED 4.9-50W 3000K MR16 36D	No
17464100	MASTER LED 4.9-50W 4000K MR16 36D	No
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	Only with specific
		dimmers
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	Only with specific
		dimmers
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	Only with specific
		dimmers

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	-	MR16
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927	-	MR16
	36D		
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930	-	MR16
	36D		

Order Code	Full Product Name	Bulb Finish	Bulb Shape
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940	-	MR16
	36D		
47599700	MASTER LED 5.5-50W 2700K MR16 24D	-	MR16
47603100	MASTER LED 5.5-50W 2700K MR16 36D	-	MR16
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	-	MR11

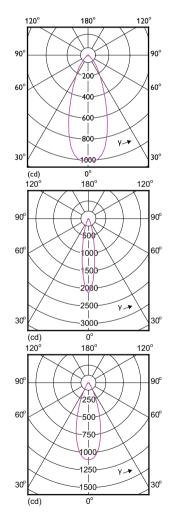
Order Code	Full Product Name	Bulb Finish	Bulb Shape
17446700	MASTER LED 3.9-35W 2700K MR16 24D	Clear	MR16
17448100	MASTER LED 3.9-35W 3000K MR16 24D	Clear	MR16
17450400	MASTER LED 3.9-35W 2700K MR16 36D	Clear	MR16
17452800	MASTER LED 3.9-35W 3000K MR16 36D	Clear	MR16
17454200	MASTER LED 4.9-50W 2700K MR16 24D	Clear	MR16
17456600	MASTER LED 4.9-50W 3000K MR16 24D	Clear	MR16
17458000	MASTER LED 4.9-50W 4000K MR16 24D	Clear	MR16
17460300	MASTER LED 4.9-50W 2700K MR16 36D	Clear	MR16

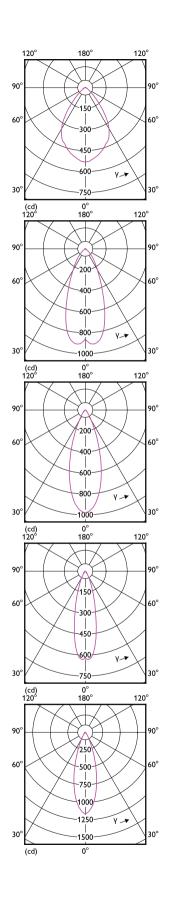
Order Code	Full Product Name	Bulb Finish	Bulb Shape
17462700	MASTER LED 4.9-50W 3000K MR16 36D	Clear	MR16
17464100	MASTER LED 4.9-50W 4000K MR16 36D	Clear	MR16
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927	-	MR16
	60D		
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930	-	MR16
	60D		
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940	-	MR16
	60D		

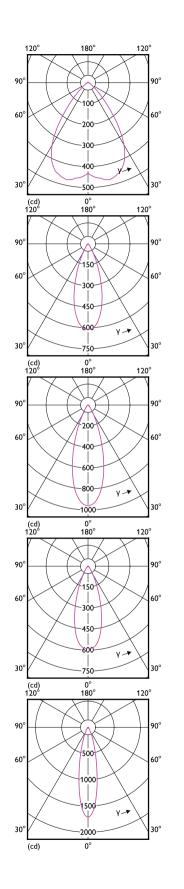
Approval and Application

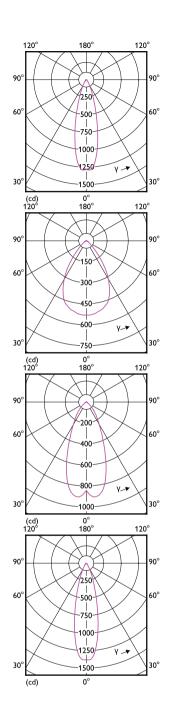
			Energy
		Ambient	Consumption
Order Code	Full Product Name	temperature range	kWh/1000 h
30718600	MASTER LED spot VLE D	-	6 kWh
	5.8-35W MR16 927 36D		
30732200	MASTER LED SPOT VLE D	-	8 kWh
	7.5-50W MR16 927 36D		
30734600	MASTER LED SPOT VLE D	-	8 kWh
	7.5-50W MR16 930 36D		
30736000	MASTER LED SPOT VLE D	-	8 kWh
	7.5-50W MR16 940 36D		
47599700	MASTER LED 5.5-50W 2700K	-	-
	MR16 24D		
47603100	MASTER LED 5.5-50W 2700K	-	-
	MR16 36D		
35990100	MASTER LEDspotLV 3.5-20W	-	4 kWh
	827 MR11 24D		
17446700	MASTER LED 3.9-35W 2700K	-20 to +45 °C	-
	MR16 24D		
17448100	MASTER LED 3.9-35W 3000K	-20 to +45 °C	-
	MR16 24D		
17450400	MASTER LED 3.9-35W 2700K	-20 to +45 °C	-
	MR16 36D		
17452800	MASTER LED 3.9-35W 3000K	-20 to +45 °C	-
	MR16 36D		
17454200	MASTER LED 4.9-50W 2700K	-20 to +45 °C	-
	MR16 24D		
17456600	MASTER LED 4.9-50W 3000K	20 to +45 °C	-
	MR16 24D		
17458000	MASTER LED 4.9-50W 4000K	-20 to +45 °C	-
	MR16 24D		
17460300	MASTER LED 4.9-50W 2700K	-20 to +45 °C	-
	MR16 36D		
17462700	MASTER LED 4.9-50W 3000K	-20 to +45 °C	-
	MR16 36D		
17464100	MASTER LED 4.9-50W 4000K	-20 to +45 °C	-
	MR16 36D		
30738400	MASTER LED SPOT VLE D	-	8 kWh
	7.5-50W MR16 927 60D		
30740700	MASTER LED SPOT VLE D	-	8 kWh
	7.5-50W MR16 930 60D		

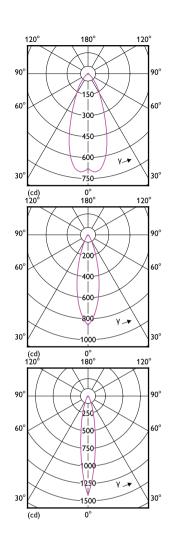
			Energy
		Ambient	Consumption
Order Code	Full Product Name	temperature range	kWh/1000 h
30742100	MASTER LED SPOT VLE D	-	8 kWh
	7.5-50W MR16 940 60D		



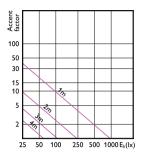




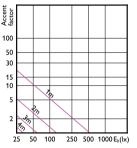




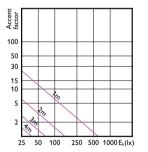
Accent Diagrams



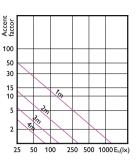
Accent Diagram - MASTER LED 4.9-50W 2700K MR16 36D



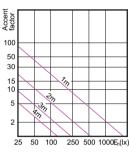
Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 927 60D



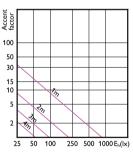
Accent Diagram - MASTER LED 3.9-35W 2700K MR16 24D



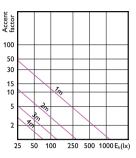
Accent Diagram - MASTER LED 4.9-50W 2700K MR16 24D



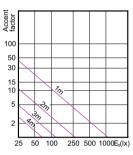
Accent Diagram - MASTER LED 5.5-50W 2700K MR16 24D



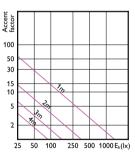
Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 930 36D



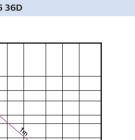
Accent Diagram - MASTER LED 4.9-50W 3000K MR16 36D



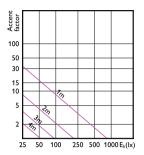
Accent Diagram - MASTER LED 5.5-50W 2700K MR16 36D



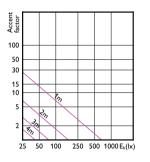
Accent Diagram - MASTER LED 3.9-35W 3000K MR16 24D



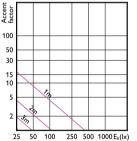
Accent Diagrams



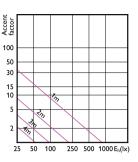
Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 940 36D



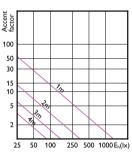
Accent Diagram - MAS LED spot VLE D 5.8-35W MR16 927 36D



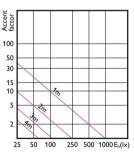
Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 930 60D



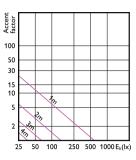
Accent Diagram - MASTER LED 3.9-35W 3000K MR16 36D



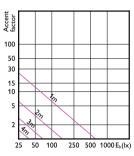
Accent Diagram - MASTER LED 4.9-50W 4000K MR16 24D



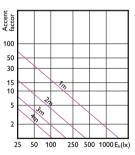
Accent Diagram - MASTER LED 4.9-50W 4000K MR16 36D



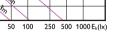
Accent Diagram - MASTER LED 3.9-35W 2700K MR16 36D



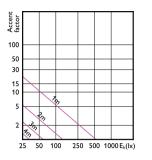
Accent Diagram - MAS LEDspotLV 3.5-20W 827 MR11 24D



Accent Diagram - MASTER LED 4.9-50W 3000K MR16 24D



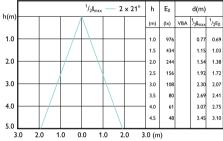
Accent Diagrams

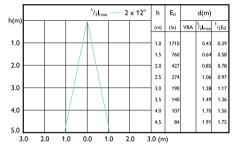


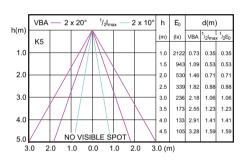
Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 940 60D



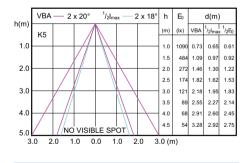
Beam Diagrams





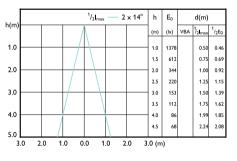


Beam diagram - MAS LED SPOT VLE D 7.5-50W MR16 927 36D



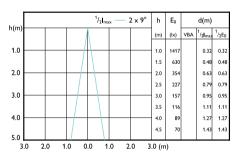
Beam diagram - MASTER LED 5.5-50W 2700K MR16 36D

Beam diagram - MASTER LED 4.9-50W 3000K MR16 24D



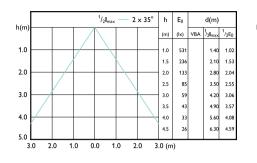
Beam diagram - MASTER LED 4.9-50W 4000K MR16 24D

Beam diagram - MASTER LED 5.5-50W 2700K MR16 24D

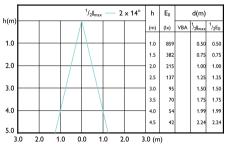


Beam diagram - MASTER LED 3.9-35W 3000K MR16 24D

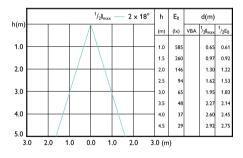
Beam Diagrams



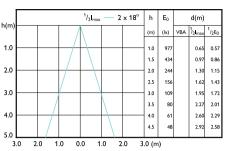
Beam diagram - MAS LED SPOT VLE D 7.5-50W MR16 940 60D



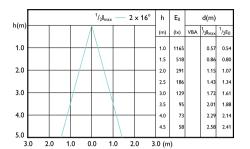
Beam diagram - MASTER LED 3.9-35W 3000K MR16 36D



Beam diagram - MASTER LED 3.9-35W 2700K MR16 36D



MR16 36D



Beam diagram - MASTER LED 4.9-50W 4000K

Beam diagram - MASTER LED 4.9-50W 3000K MR16 36D

2 x 24°

h E_0

(m) (lx) VBA d(m)

/2E0

0.7

1.15

1.54

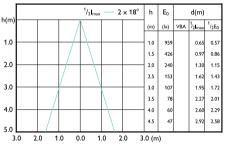
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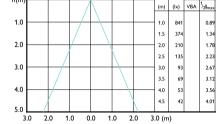
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2.69

3.07

3.45

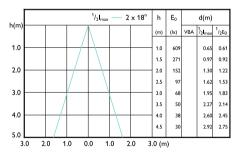




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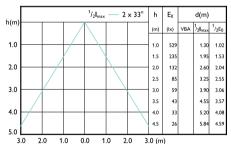
h(m



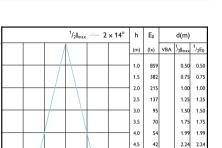


Beam diagram - MASTER LED 3.9-35W 2700K MR16 24D

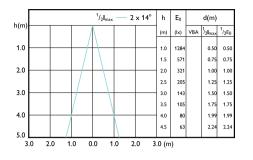
Beam diagram - MAS LED SPOT VLE D 7.5-50W MR16 940 36D

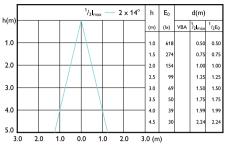


Beam diagram - MAS LED SPOT VLE D 7.5-50W MR16 927 60D



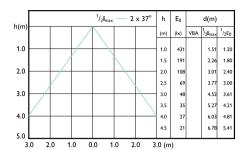
Beam Diagrams



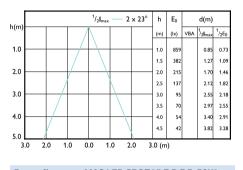




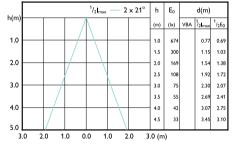




Beam diagram - MAS LED SPOT VLE D 7.5-50W MR16 930 60D



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



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