



# 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**

- Up to 80% energy saving compared with halogen lamp
- Broad compatibility with transformers
- Suitable to retrofit with low-voltage halogen lamps covering GU5.3 and GU4 base types

#### **Features**

- · Dimmable (6.5-35W versions)
- $\cdot$  Innovative AirFlux technology for passive cooling, depending upon model
- · Warm and cool white light
- · Lifetime:
- · 40,000 hours MASTER LED
- · 25,000 hours MASTER LED VALUE
- TransforMax technology to ensure compatibility with existing transformers (depending upon model)

#### **Application**

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

#### **Warnings and Safety**

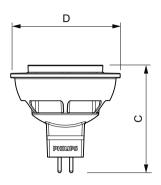
- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

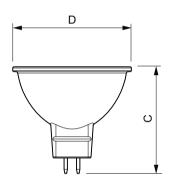
#### Versions

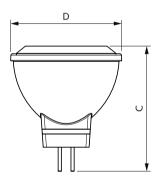


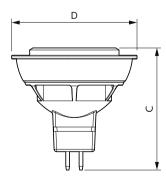
LEDspots MAS SLR 2 MR11 GU4

# 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
MASTER LED 5.5-50W 3000K MR16 24D	50.2 mm	49 mm
MASTER LED 5.5-50W 3000K MR16 36D	50.2 mm	49 mm
MASTER LED 5.5-50W 4000K MR16 24D	50.2 mm	49 mm
MASTER LED 5.5-50W 4000K 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
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

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

General Information	
Switching Cycle	50,000
Light Technical	
LLMF At End Of Nominal Lifetime	70 %
(Nom)	
Operating and Electrical	
Input Frequency	- Hz
Starting Time (Nom)	0.5 s

## **General Information**

Order Code	Full Product Name	Cap-Base	Nominal lifetime
929002492502	MAS LED spot VLE D 5.8-35W MR16 927	GU5.3	25,000 hour(s)
	36D		
929002492602	MAS LED spot VLE D 5.8-35W MR16 930	GU5.3	25,000 hour(s)
	36D		
929002492702	MAS LED spot VLE D 5.8-35W MR16 940	GU5.3	25,000 hour(s)
	36D		
929002492802	MAS LED spot VLE D 5.8-35W MR16 927	GU5.3	25,000 hour(s)
	60D		
929002492902	MAS LED spot VLE D 5.8-35W MR16 930	GU5.3	25,000 hour(s)
	60D		
929002493002	MAS LED spot VLE D 5.8-35W MR16 940	GU5.3	25,000 hour(s)
	60D		
929002493202	MAS LED SPOT VLE D 7.5-50W MR16	GU5.3	25,000 hour(s)
	927 36D		
929002493302	MAS LED SPOT VLE D 7.5-50W MR16	GU5.3	25,000 hour(s)
	930 36D		
929002493402	MAS LED SPOT VLE D 7.5-50W MR16	GU5.3	25,000 hour(s)
	940 36D		
929001145908	MASTER LED 5.5-50W 2700K MR16 24D	GU5.3	25,000 hour(s)
929001146108	MASTER LED 5.5-50W 2700K MR16 36D	GU5.3	25,000 hour(s)
929001146608	MASTER LED 5.5-50W 3000K MR16 36D	GU5.3	25,000 hour(s)

Order Code	Full Product Name	Cap-Base	Nominal lifetime
929001146708	MASTER LED 5.5-50W 3000K MR16 24D	GU5.3	25,000 hour(s)
929001146808	MASTER LED 5.5-50W 4000K MR16 24D	GU5.3	25,000 hour(s)
929001146908	MASTER LED 5.5-50W 4000K MR16 36D	GU5.3	25,000 hour(s)
929003087002	MAS LEDspotLV 3.5-20W 827 MR11 24D	GU4	40,000 hour(s)
929003610208	MASTER LED 3.9-35W 2700K MR16 24D	GU5.3	25,000 hour(s)
929003610308	MASTER LED 3.9-35W 3000K MR16 24D	GU5.3	25,000 hour(s)
929003610408	MASTER LED 3.9-35W 2700K MR16 36D	GU5.3	25,000 hour(s)
929003610508	MASTER LED 3.9-35W 3000K MR16 36D	GU5.3	25,000 hour(s)
929003610608	MASTER LED 4.9-50W 2700K MR16 24D	GU5.3	25,000 hour(s)
929003610708	MASTER LED 4.9-50W 3000K MR16 24D	GU5.3	25,000 hour(s)
929003610808	MASTER LED 4.9-50W 4000K MR16 24D	GU5.3	25,000 hour(s)
929003610908	MASTER LED 4.9-50W 2700K MR16 36D	GU5.3	25,000 hour(s)
929003611008	MASTER LED 4.9-50W 3000K MR16 36D	GU5.3	25,000 hour(s)
929003611108	MASTER LED 4.9-50W 4000K MR16 36D	GU5.3	25,000 hour(s)
929002493502	MAS LED SPOT VLE D 7.5-50W MR16	GU5.3	25,000 hour(s)
	927 60D		
929002493602	MAS LED SPOT VLE D 7.5-50W MR16	GU5.3	25,000 hour(s)
	930 60D		
929002493702	MAS LED SPOT VLE D 7.5-50W MR16	GU5.3	25,000 hour(s)
	940 60D		

## **Light Technical**

			Correlated Color	Color rendering			Luminous Intensity
Order Code	Full Product Name	Beam Angle (Nom)	Temperature (Nom)	index (CRI)	Color Code	Luminous Flux	(Nom)
929002492502	MAS LED spot VLE D 5.8-35W MR16 927 36D	36 degree(s)	2700 K	90	927	450 lm	1,300 cd
929002492602	MAS LED spot VLE D 5.8-35W MR16 930 36D	36 degree(s)	3000 K	90	930	460 lm	1,300 cd
929002492702	MAS LED spot VLE D 5.8-35W MR16 940 36D	36 degree(s)	4000 K	90	940	490 lm	1,200 cd
929002492802	MAS LED spot VLE D 5.8-35W MR16 927 60D	60 degree(s)	2700 K	90	927	450 lm	600 cd
929002492902	MAS LED spot VLE D 5.8-35W MR16 930 60D	60 degree(s)	3000 K	90	930	460 lm	600 cd
929002493002	MAS LED spot VLE D 5.8-35W MR16 940 60D	60 degree(s)	4000 K	90	940	490 lm	550 cd
929002493202	MAS LED SPOT VLE D 7.5-50W MR16 927 36D	36 degree(s)	2700 K	90	927	621 lm	1,600 cd
929002493302	MAS LED SPOT VLE D 7.5-50W MR16 930 36D	36 degree(s)	3000 K	90	930	630 lm	1,600 cd
929002493402	MAS LED SPOT VLE D 7.5-50W MR16 940 36D	36 degree(s)	4000 K	90	940	660 lm	1,500 cd
929001145908	MASTER LED 5.5-50W 2700K MR16 24D	24 degree(s)	2700 K	80	827	415 lm	1,800 cd
929001146108	MASTER LED 5.5-50W 2700K MR16 36D	36 degree(s)	2700 K	80	827	415 lm	1,000 cd
929001146608	MASTER LED 5.5-50W 3000K MR16 36D	36 degree(s)	3000 K	80	830	425 lm	1,000 cd

		Correlated Color	Color rendering			Luminous Intensity
Full Product Name	Beam Angle (Nom)	Temperature (Nom)	index (CRI)	Color Code	Luminous Flux	(Nom)
MASTER LED 5.5-50W 3000K MR16 24D	24 degree(s)	3000 K	80	830	425 lm	1,800 cd
MASTER LED 5.5-50W 4000K MR16 24D	24 degree(s)	4000 K	80	840	450 lm	1,800 cd
MASTER LED 5.5-50W 4000K MR16 36D	36 degree(s)	4000 K	80	840	450 lm	1,000 cd
MAS LEDspotLV 3.5-20W 827 MR11 24D	24 degree(s)	2700 K	80	827	200 lm	1,000 cd
MASTER LED 3.9-35W 2700K MR16 24D	24 degree(s)	2700 K	90	927	270 lm	1,000 cd
MASTER LED 3.9-35W 3000K MR16 24D	24 degree(s)	3000 K	90	930	280 lm	1,000 cd
MASTER LED 3.9-35W 2700K MR16 36D	36 degree(s)	2700 K	90	927	270 lm	600 cd
MASTER LED 3.9-35W 3000K MR16 36D	36 degree(s)	3000 K	90	930	280 lm	600 cd
MASTER LED 4.9-50W 2700K MR16 24D	24 degree(s)	2700 K	90	927	415 lm	1,600 cd
MASTER LED 4.9-50W 3000K MR16 24D	24 degree(s)	3000 K	90	930	425 lm	1,700 cd
MASTER LED 4.9-50W 4000K MR16 24D	24 degree(s)	4000 K	90	940	430 lm	1,700 cd
MASTER LED 4.9-50W 2700K MR16 36D	36 degree(s)	2700 K	90	927	415 lm	900 cd
MASTER LED 4.9-50W 3000K MR16 36D	36 degree(s)	3000 K	90	930	425 lm	950 cd
MASTER LED 4.9-50W 4000K MR16 36D	36 degree(s)	4000 K	90	940	430 lm	950 cd
MAS LED SPOT VLE D 7.5-50W MR16 927 60D	60 degree(s)	2700 K	90	927	621 lm	750 cd
MAS LED SPOT VLE D 7.5-50W MR16 930 60D	60 degree(s)	3000 K	90	930	630 lm	800 cd
MAS LED SPOT VLE D 7.5-50W MR16 940 60D	60 degree(s)	4000 K	90	940	660 lm	770 cd
	MASTER LED 5.5-50W 3000K MR16 24D  MASTER LED 5.5-50W 4000K MR16 24D  MASTER LED 5.5-50W 4000K MR16 36D  MAS LEDSpotLV 3.5-20W 827 MR11 24D  MASTER LED 3.9-35W 2700K MR16 24D  MASTER LED 3.9-35W 3000K MR16 24D  MASTER LED 3.9-35W 3000K MR16 36D  MASTER LED 3.9-35W 2700K MR16 36D  MASTER LED 4.9-50W 2700K MR16 24D  MASTER LED 4.9-50W 3000K MR16 24D  MASTER LED 4.9-50W 3000K MR16 24D  MASTER LED 4.9-50W 4000K MR16 36D  MASTER LED 4.9-50W 3000K MR16 36D  MASTER LED 4.9-50W 3000K MR16 36D  MASTER LED 4.9-50W 3000K MR16 36D  MASTER LED 4.9-50W 4000K MR16 36D	MASTER LED 5.5-50W 3000K MR16 24D 24 degree(s)  MASTER LED 5.5-50W 4000K MR16 24D 24 degree(s)  MASTER LED 5.5-50W 4000K MR16 36D 36 degree(s)  MASTER LED 5.5-50W 4000K MR16 36D 36 degree(s)  MASTER LED 3.9-35W 2700K MR16 24D 24 degree(s)  MASTER LED 3.9-35W 3000K MR16 24D 24 degree(s)  MASTER LED 3.9-35W 2700K MR16 36D 36 degree(s)  MASTER LED 3.9-35W 3000K MR16 36D 36 degree(s)  MASTER LED 4.9-50W 2700K MR16 24D 24 degree(s)  MASTER LED 4.9-50W 3000K MR16 24D 24 degree(s)  MASTER LED 4.9-50W 3000K MR16 24D 24 degree(s)  MASTER LED 4.9-50W 4000K MR16 36D 36 degree(s)  MASTER LED 4.9-50W 2700K MR16 36D 36 degree(s)  MASTER LED 4.9-50W 3000K MR16 36D 36 degree(s)  MASTER LED 4.9-50W 3000K MR16 36D 36 degree(s)  MASTER LED 4.9-50W 4000K MR16 36D 36 degree(s)	Full Product Name         Beam Angle (Nom)         Temperature (Nom)           MASTER LED 5.5-50W 3000K MR16 24D         24 degree(s)         3000 K           MASTER LED 5.5-50W 4000K MR16 24D         24 degree(s)         4000 K           MASTER LED 5.5-50W 4000K MR16 36D         36 degree(s)         4000 K           MAS LEDspotLV 3.5-20W 827 MR11 24D         24 degree(s)         2700 K           MASTER LED 3.9-35W 2700K MR16 24D         24 degree(s)         3000 K           MASTER LED 3.9-35W 3000K MR16 24D         24 degree(s)         2700 K           MASTER LED 3.9-35W 2700K MR16 36D         36 degree(s)         2700 K           MASTER LED 4.9-50W 2700K MR16 36D         36 degree(s)         3000 K           MASTER LED 4.9-50W 3000K MR16 24D         24 degree(s)         2700 K           MASTER LED 4.9-50W 4000K MR16 24D         24 degree(s)         3000 K           MASTER LED 4.9-50W 2700K MR16 36D         36 degree(s)         2700 K           MASTER LED 4.9-50W 3000K MR16 36D         36 degree(s)         3000 K           MASTER LED 4.9-50W 3000K MR16 36D         36 degree(s)         3000 K           MASTER LED 4.9-50W 4000K MR16 36D         36 degree(s)         3000 K           MASTER LED 4.9-50W 4000K MR16 36D         36 degree(s)         3000 K           MASTER LED 4.9-50W 4000K MR16 36D	Full Product Name         Beam Angle (Nom)         Temperature (Nom)         index (CRI)           MASTER LED 5.5-50W 3000K MR16 24D         24 degree(s)         3000 K         80           MASTER LED 5.5-50W 4000K MR16 24D         24 degree(s)         4000 K         80           MASTER LED 5.5-50W 4000K MR16 36D         36 degree(s)         4000 K         80           MAS LEDspotLV 3.5-20W 827 MR11 24D         24 degree(s)         2700 K         80           MASTER LED 3.9-35W 2700K MR16 24D         24 degree(s)         2700 K         90           MASTER LED 3.9-35W 3000K MR16 24D         24 degree(s)         3000 K         90           MASTER LED 3.9-35W 2700K MR16 36D         36 degree(s)         2700 K         90           MASTER LED 4.9-50W 2700K MR16 36D         36 degree(s)         3000 K         90           MASTER LED 4.9-50W 3000K MR16 24D         24 degree(s)         2700 K         90           MASTER LED 4.9-50W 3000K MR16 24D         24 degree(s)         3000 K         90           MASTER LED 4.9-50W 3000K MR16 36D         36 degree(s)         2700 K         90           MASTER LED 4.9-50W 3000K MR16 36D         36 degree(s)         3000 K         90           MASTER LED 4.9-50W 3000K MR16 36D         36 degree(s)         3000 K         90 <t< td=""><td>Full Product Name         Beam Angle (Nom)         Temperature (Nom)         index (CRI)         Color Code           MASTER LED 5.5-50W 3000K MR16 24D         24 degree(s)         3000 K         80         830           MASTER LED 5.5-50W 4000K MR16 24D         24 degree(s)         4000 K         80         840           MASTER LED 5.5-50W 4000K MR16 36D         36 degree(s)         4000 K         80         840           MAS LEDspotLV 3.5-20W 827 MR11 24D         24 degree(s)         2700 K         80         827           MASTER LED 3.9-35W 2700K MR16 24D         24 degree(s)         2700 K         90         927           MASTER LED 3.9-35W 3000K MR16 24D         24 degree(s)         3000 K         90         930           MASTER LED 3.9-35W 3000K MR16 36D         36 degree(s)         2700 K         90         927           MASTER LED 4.9-50W 2700K MR16 24D         24 degree(s)         2700 K         90         927           MASTER LED 4.9-50W 3000K MR16 24D         24 degree(s)         2700 K         90         927           MASTER LED 4.9-50W 4000K MR16 24D         24 degree(s)         3000 K         90         930           MASTER LED 4.9-50W 2700K MR16 36D         36 degree(s)         4000 K         90         927           MASTER LED 4.9-50W 3000K MR</td><td>Full Product Name         Beam Angle (Nom)         Temperature (Nom)         index (CRI)         Color Code         Luminous Flux           MASTER LED 5.5-50W 3000K MRI6 24D         24 degree(s)         3000 K         80         830         425 lm           MASTER LED 5.5-50W 4000K MRI6 24D         24 degree(s)         4000 K         80         840         450 lm           MASTER LED 5.5-50W 4000K MRI6 36D         36 degree(s)         4000 K         80         840         450 lm           MAS LEDspotLV 3.5-20W 827 MRI1 24D         24 degree(s)         2700 K         80         827         200 lm           MASTER LED 3.9-35W 2700K MRI6 24D         24 degree(s)         2700 K         90         927         270 lm           MASTER LED 3.9-35W 3000K MRI6 36D         36 degree(s)         2700 K         90         927         270 lm           MASTER LED 3.9-35W 2700K MRI6 36D         36 degree(s)         3000 K         90         927         270 lm           MASTER LED 4.9-50W 2700K MRI6 36D         24 degree(s)         3000 K         90         927         415 lm           MASTER LED 4.9-50W 3000K MRI6 24D         24 degree(s)         3000 K         90         927         415 lm           MASTER LED 4.9-50W 3000K MRI6 36D         36 degree(s)         3000 K         90</td></t<>	Full Product Name         Beam Angle (Nom)         Temperature (Nom)         index (CRI)         Color Code           MASTER LED 5.5-50W 3000K MR16 24D         24 degree(s)         3000 K         80         830           MASTER LED 5.5-50W 4000K MR16 24D         24 degree(s)         4000 K         80         840           MASTER LED 5.5-50W 4000K MR16 36D         36 degree(s)         4000 K         80         840           MAS LEDspotLV 3.5-20W 827 MR11 24D         24 degree(s)         2700 K         80         827           MASTER LED 3.9-35W 2700K MR16 24D         24 degree(s)         2700 K         90         927           MASTER LED 3.9-35W 3000K MR16 24D         24 degree(s)         3000 K         90         930           MASTER LED 3.9-35W 3000K MR16 36D         36 degree(s)         2700 K         90         927           MASTER LED 4.9-50W 2700K MR16 24D         24 degree(s)         2700 K         90         927           MASTER LED 4.9-50W 3000K MR16 24D         24 degree(s)         2700 K         90         927           MASTER LED 4.9-50W 4000K MR16 24D         24 degree(s)         3000 K         90         930           MASTER LED 4.9-50W 2700K MR16 36D         36 degree(s)         4000 K         90         927           MASTER LED 4.9-50W 3000K MR	Full Product Name         Beam Angle (Nom)         Temperature (Nom)         index (CRI)         Color Code         Luminous Flux           MASTER LED 5.5-50W 3000K MRI6 24D         24 degree(s)         3000 K         80         830         425 lm           MASTER LED 5.5-50W 4000K MRI6 24D         24 degree(s)         4000 K         80         840         450 lm           MASTER LED 5.5-50W 4000K MRI6 36D         36 degree(s)         4000 K         80         840         450 lm           MAS LEDspotLV 3.5-20W 827 MRI1 24D         24 degree(s)         2700 K         80         827         200 lm           MASTER LED 3.9-35W 2700K MRI6 24D         24 degree(s)         2700 K         90         927         270 lm           MASTER LED 3.9-35W 3000K MRI6 36D         36 degree(s)         2700 K         90         927         270 lm           MASTER LED 3.9-35W 2700K MRI6 36D         36 degree(s)         3000 K         90         927         270 lm           MASTER LED 4.9-50W 2700K MRI6 36D         24 degree(s)         3000 K         90         927         415 lm           MASTER LED 4.9-50W 3000K MRI6 24D         24 degree(s)         3000 K         90         927         415 lm           MASTER LED 4.9-50W 3000K MRI6 36D         36 degree(s)         3000 K         90

# Operating and Electrical

Operating an	nd Electrical			
		Line	Power	Wattage
Order Code	Full Product Name	Frequency	Consumption	Equivalent
929002492502	MAS LED spot VLE D	- Hz	5.8 W	35 W
	5.8-35W MR16 927			
	36D			
929002492602	MAS LED spot VLE D	- Hz	5.8 W	35 W
	5.8-35W MR16 930			
	36D			
929002492702	MAS LED spot VLE D	- Hz	5.8 W	35 W
	5.8-35W MR16 940			
	36D			
929002492802	MAS LED spot VLE D	- Hz	5.8 W	35 W
	5.8-35W MR16 927			
	60D			
929002492902	MAS LED spot VLE D	- Hz	5.8 W	35 W
	5.8-35W MR16 930			
	60D			
929002493002	MAS LED spot VLE D	- Hz	5.8 W	35 W
	5.8-35W MR16 940			
	60D			
929002493202	MAS LED SPOT VLE D	- Hz	7.5 W	50 W
	7.5-50W MR16 927			
	36D			
929002493302	MAS LED SPOT VLE D	- Hz	7.5 W	50 W
	7.5-50W MR16 930			
	36D			
929002493402	MAS LED SPOT VLE D	- Hz	7.5 W	50 W
	7.5-50W MR16 940			
	36D			

		Line	Power	Wattage
Order Code	Full Product Name	Frequency	Consumption	Equivalent
929003610408	MASTER LED	-	3.9 W	35 W
	3.9-35W 2700K MR16			
	36D			
929003610508	MASTER LED	-	3.9 W	35 W
	3.9-35W 3000K MR16			
	36D			
929003610608	MASTER LED	-	4.9 W	50 W
	4.9-50W 2700K MR16			
	24D			
929003610708	MASTER LED	-	4.9 W	50 W
	4.9-50W 3000K			
	MR16 24D			
929003610808	MASTER LED	-	4.9 W	50 W
	4.9-50W 4000K			
	MR16 24D			
929003610908	MASTER LED	-	4.9 W	50 W
	4.9-50W 2700K MR16			
	36D			

		Line	Power	Wattage
Order Code	Full Product Name	Frequency	Consumption	Equivalent
929003611008	MASTER LED	-	4.9 W	50 W
	4.9-50W 3000K			
	MR16 36D			
929003611108	MASTER LED	-	4.9 W	50 W
	4.9-50W 4000K			
	MR16 36D			
929002493502	MAS LED SPOT VLE D	- Hz	7.5 W	50 W
	7.5-50W MR16 927			
	60D			
929002493602	MAS LED SPOT VLE D	- Hz	7.5 W	50 W
	7.5-50W MR16 930			
	60D			
929002493702	MAS LED SPOT VLE D	- Hz	7.5 W	50 W
	7.5-50W MR16 940			
	60D			

#### Temperature

		Ambient temperature	T-Case Maximum
Order Code	Full Product Name	range	(Nom)
929002492502	MAS LED spot VLE D 5.8-35W MR16 927 36D	-	85 ℃
929002492602	MAS LED spot VLE D 5.8-35W MR16 930 36D	-	85 ℃
929002492702	MAS LED spot VLE D 5.8-35W MR16 940 36D	-	85 ℃
929002492802	MAS LED spot VLE D 5.8-35W MR16 927 60D	-	85 ℃
929002492902	MAS LED spot VLE D 5.8-35W MR16 930 60D	-	85 ℃
929002493002	MAS LED spot VLE D 5.8-35W MR16 940 60D	-	85 ℃
929002493202	MAS LED SPOT VLE D 7.5-50W MR16 927 36D	-	95℃
929002493302	MAS LED SPOT VLE D 7.5-50W MR16 930 36D	-	95℃
929002493402	MAS LED SPOT VLE D 7.5-50W MR16 940 36D	-	95℃
929001145908	MASTER LED 5.5-50W 2700K MR16 24D	-	95℃
929001146108	MASTER LED 5.5-50W 2700K MR16 36D	-	95℃
929001146608	MASTER LED 5.5-50W 3000K MR16 36D	-	95℃
929001146708	MASTER LED 5.5-50W 3000K MR16 24D	-	95℃

		Ambient	T-Case
		temperature	Maximum
Order Code	Full Product Name	range	(Nom)
929001146808	MASTER LED 5.5-50W 4000K	-	95 °C
	MR16 24D		
929001146908	MASTER LED 5.5-50W 4000K	-	95 ℃
	MR16 36D		
929003087002	MAS LEDspotLV 3.5-20W 827	-	85 °C
	MR11 24D		
929003610208	MASTER LED 3.9-35W 2700K	-20 to +45 °C	68 °C
	MR16 24D		
929003610308	MASTER LED 3.9-35W 3000K	-20 to +45 °C	68 °C
	MR16 24D		
929003610408	MASTER LED 3.9-35W 2700K	-20 to +45 °C	68 °C
	MR16 36D		
929003610508	MASTER LED 3.9-35W 3000K	-20 to +45 °C	68 °C
	MR16 36D		
929003610608	MASTER LED 4.9-50W 2700K	-20 to +45 °C	72 °C
	MR16 24D		
929003610708	MASTER LED 4.9-50W 3000K	20 to +45 °C	72 °C
	MR16 24D		
929003610808	MASTER LED 4.9-50W 4000K	-20 to +45 °C	72 °C
	MR16 24D		
929003610908	MASTER LED 4.9-50W 2700K	-20 to +45 °C	72 °C
	MR16 36D		
929003611008	MASTER LED 4.9-50W 3000K	-20 to +45 °C	72 °C
	MR16 36D		
929003611108	MASTER LED 4.9-50W 4000K	-20 to +45 °C	72 °C
	MR16 36D		

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929002493502	MAS LED SPOT VLE D 7.5-50W MR16 927 60D	-	95 ℃
929002493602	MAS LED SPOT VLE D 7.5-50W MR16 930 60D	-	95 °C

		Ambient temperature	T-Case Maximum
Order Code	Full Product Name	range	(Nom)
929002493702	MAS LED SPOT VLE D 7.5-50W	-	95 ℃
	MR16 940 60D		

#### **Controls and Dimming**

Controls and	Dimming	
Order Code	Full Product Name	Dimmable
929002492502	MAS LED spot VLE D 5.8-35W MR16 927 36D	Only with specific
		dimmers
929002492602	MAS LED spot VLE D 5.8-35W MR16 930 36D	Only with specific
		dimmers
929002492702	MAS LED spot VLE D 5.8-35W MR16 940 36D	Only with specific
		dimmers
929002492802	MAS LED spot VLE D 5.8-35W MR16 927 60D	Only with specific
		dimmers
929002492902	MAS LED spot VLE D 5.8-35W MR16 930 60D	Only with specific
		dimmers
929002493002	MAS LED spot VLE D 5.8-35W MR16 940 60D	Only with specific
		dimmers
929002493202	MAS LED SPOT VLE D 7.5-50W MR16 927 36D	Only with specific
		dimmers
929002493302	MAS LED SPOT VLE D 7.5-50W MR16 930 36D	Only with specific
		dimmers
929002493402	MAS LED SPOT VLE D 7.5-50W MR16 940 36D	Only with specific
		dimmers
929001145908	MASTER LED 5.5-50W 2700K MR16 24D	No
929001146108	MASTER LED 5.5-50W 2700K MR16 36D	No
929001146608	MASTER LED 5.5-50W 3000K MR16 36D	No

Order Code	Full Product Name	Dimmable
929001146708	MASTER LED 5.5-50W 3000K MR16 24D	No
929001146808	MASTER LED 5.5-50W 4000K MR16 24D	No
929001146908	MASTER LED 5.5-50W 4000K MR16 36D	No
929003087002	MAS LEDspotLV 3.5-20W 827 MR11 24D	No
929003610208	MASTER LED 3.9-35W 2700K MR16 24D	No
929003610308	MASTER LED 3.9-35W 3000K MR16 24D	No
929003610408	MASTER LED 3.9-35W 2700K MR16 36D	No
929003610508	MASTER LED 3.9-35W 3000K MR16 36D	No
929003610608	MASTER LED 4.9-50W 2700K MR16 24D	No
929003610708	MASTER LED 4.9-50W 3000K MR16 24D	No
929003610808	MASTER LED 4.9-50W 4000K MR16 24D	No
929003610908	MASTER LED 4.9-50W 2700K MR16 36D	No
929003611008	MASTER LED 4.9-50W 3000K MR16 36D	No
929003611108	MASTER LED 4.9-50W 4000K MR16 36D	No
929002493502	MAS LED SPOT VLE D 7.5-50W MR16 927 60D	Only with specific
		dimmers
929002493602	MAS LED SPOT VLE D 7.5-50W MR16 930 60D	Only with specific
		dimmers
929002493702	MAS LED SPOT VLE D 7.5-50W MR16 940 60D	Only with specific
		dimmers

#### Mechanical and Housing

		Bulb	Bulb
Order Code	Full Product Name	Finish	Shape
929002492502	MAS LED spot VLE D 5.8-35W MR16 927 36D	-	MR16
929002492602	MAS LED spot VLE D 5.8-35W MR16 930 36D	-	MR16
929002492702	MAS LED spot VLE D 5.8-35W MR16 940 36D	-	MR16
929002492802	MAS LED spot VLE D 5.8-35W MR16 927 60D	-	MR16
929002492902	MAS LED spot VLE D 5.8-35W MR16 930 60D	-	MR16
929002493002	MAS LED spot VLE D 5.8-35W MR16 940 60D	-	MR16
929002493202	MAS LED SPOT VLE D 7.5-50W MR16 927	-	MR16
	36D		
929002493302	MAS LED SPOT VLE D 7.5-50W MR16 930	-	MR16
	36D		
929002493402	MAS LED SPOT VLE D 7.5-50W MR16 940	-	MR16
	36D		
929001145908	MASTER LED 5.5-50W 2700K MR16 24D	-	MR16
929001146108	MASTER LED 5.5-50W 2700K MR16 36D	-	MR16
929001146608	MASTER LED 5.5-50W 3000K MR16 36D	-	MR16

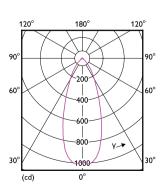
		Bulb	Bulb
Order Code	Full Product Name	Finish	Shape
929001146708	MASTER LED 5.5-50W 3000K MR16 24D	-	MR16
929001146808	MASTER LED 5.5-50W 4000K MR16 24D	-	MR16
929001146908	MASTER LED 5.5-50W 4000K MR16 36D	-	MR16
929003087002	MAS LEDspotLV 3.5-20W 827 MR11 24D	-	MR11
929003610208	MASTER LED 3.9-35W 2700K MR16 24D	Clear	MR16
929003610308	MASTER LED 3.9-35W 3000K MR16 24D	Clear	MR16
929003610408	MASTER LED 3.9-35W 2700K MR16 36D	Clear	MR16
929003610508	MASTER LED 3.9-35W 3000K MR16 36D	Clear	MR16
929003610608	MASTER LED 4.9-50W 2700K MR16 24D	Clear	MR16
929003610708	MASTER LED 4.9-50W 3000K MR16 24D	Clear	MR16
929003610808	MASTER LED 4.9-50W 4000K MR16 24D	Clear	MR16
929003610908	MASTER LED 4.9-50W 2700K MR16 36D	Clear	MR16
929003611008	MASTER LED 4.9-50W 3000K MR16 36D	Clear	MR16
929003611108	MASTER LED 4.9-50W 4000K MR16 36D	Clear	MR16

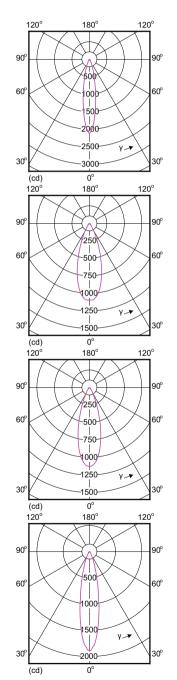
		Bulb	Bulb
Order Code	Full Product Name	Finish	Shape
929002493502	MAS LED SPOT VLE D 7.5-50W MR16 927	-	MR16
	60D		
929002493602	MAS LED SPOT VLE D 7.5-50W MR16 930	-	MR16
	60D		

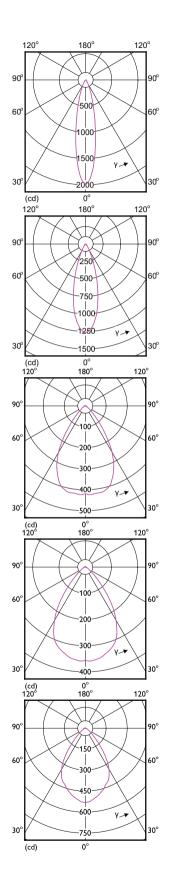
Order Code	Full Product Name	Bulb Finish	Bulb Shape
929002493702	MAS LED SPOT VLE D 7.5-50W MR16 940	-	MR16
	60D		

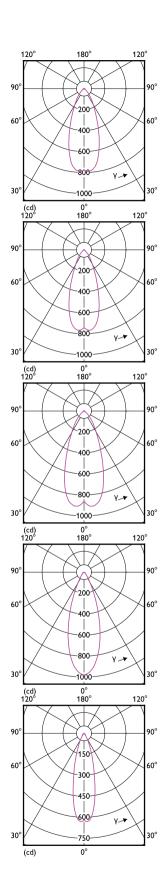
## **Approval and Application**

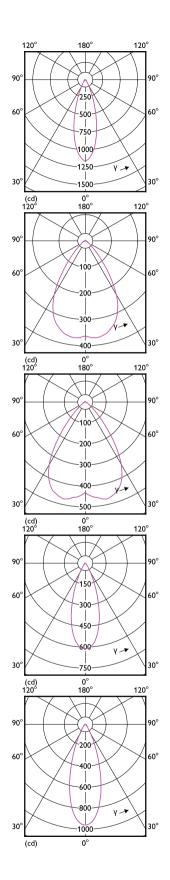
		Energy Consumption
Order Code Full	Product Name	kWh/1000 h
929002492502 MAS	LED spot VLE D 5.8-35W MR16 927 36D	6 kWh
929002492602 MAS	LED spot VLE D 5.8-35W MR16 930 36D	6 kWh
929002492702 MAS	LED spot VLE D 5.8-35W MR16 940 36D	6 kWh
929002492802 MAS	LED spot VLE D 5.8-35W MR16 927 60D	6 kWh
929002492902 MAS	LED spot VLE D 5.8-35W MR16 930 60D	6 kWh
929002493002 MAS	LED spot VLE D 5.8-35W MR16 940 60D	6 kWh
929002493202 MAS	LED SPOT VLE D 7.5-50W MR16 927 36D	8 kWh
929002493302 MAS	LED SPOT VLE D 7.5-50W MR16 930 36D	8 kWh
929002493402 MAS	LED SPOT VLE D 7.5-50W MR16 940 36D	8 kWh
929001145908 MAS	TER LED 5.5-50W 2700K MR16 24D	- kWh
929001146108 MAS	TER LED 5.5-50W 2700K MR16 36D	- kWh
929001146608 MAS	TER LED 5.5-50W 3000K MR16 36D	- kWh
929001146708 MAS	TER LED 5.5-50W 3000K MR16 24D	- kWh
929001146808 MAS	TER LED 5.5-50W 4000K MR16 24D	- kWh
929001146908 MAS	TER LED 5.5-50W 4000K MR16 36D	- kWh
929003087002 MAS	LEDspotLV 3.5-20W 827 MR11 24D	4 kWh
929003610208 MAS	TER LED 3.9-35W 2700K MR16 24D	-
929003610308 MAS	TER LED 3.9-35W 3000K MR16 24D	-
929003610408 MAS	TER LED 3.9-35W 2700K MR16 36D	-
929003610508 MAS	TER LED 3.9-35W 3000K MR16 36D	-
929003610608 MAS	TER LED 4.9-50W 2700K MR16 24D	-
929003610708 MAS	TER LED 4.9-50W 3000K MR16 24D	-
929003610808 MAS	TER LED 4.9-50W 4000K MR16 24D	-
929003610908 MAS	TER LED 4.9-50W 2700K MR16 36D	-
929003611008 MAS	TER LED 4.9-50W 3000K MR16 36D	-
929003611108 MAS	TER LED 4.9-50W 4000K MR16 36D	-
929002493502 MAS	LED SPOT VLE D 7.5-50W MR16 927 60D	8 kWh
929002493602 MAS	LED SPOT VLE D 7.5-50W MR16 930 60D	8 kWh
929002493702 MAS	LED SPOT VLE D 7.5-50W MR16 940 60D	8 kWh

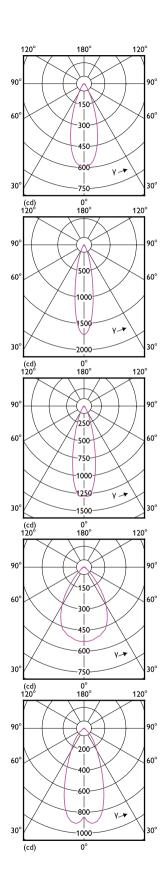


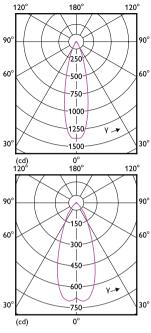


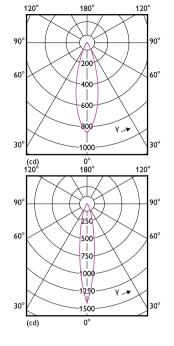




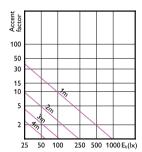


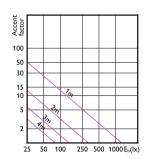


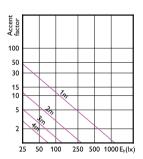




#### **Accent Diagrams**



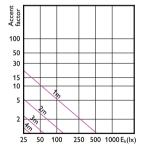


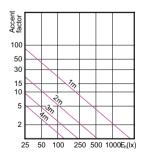


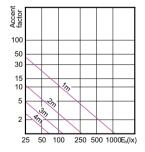
Accent Diagram - MASTER LED 4.9-50W 2700K MR16 36D



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





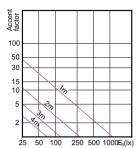


Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 927 60D

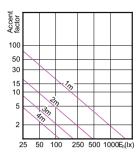
Accent Diagram - MASTER LED 5.5-50W 2700K MR16 24D

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

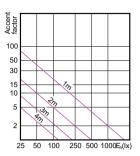
#### **Accent Diagrams**



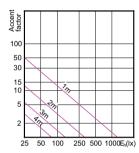
Accent Diagram - MASTER LED 5.5-50W 3000K MR16 36D



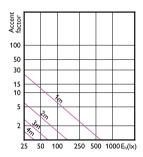
Accent Diagram - MASTER LED 5.5-50W 3000K MR16 24D



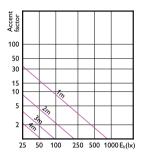
Accent Diagram - MASTER LED 5.5-50W 4000K MR16 24D



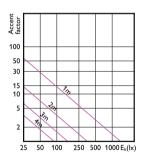
Accent Diagram - MASTER LED 5.5-50W 4000K MR16 36D



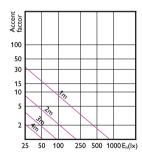
Accent Diagram - MASTER LED 3.9-35W 2700K MR16 24D



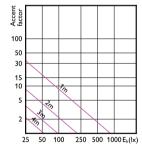
Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 930 36D



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

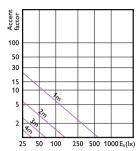


Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 940 36D

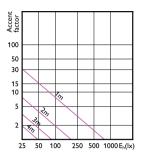


Accent Diagram - MASTER LED 3.9-35W 3000K MR16 36D

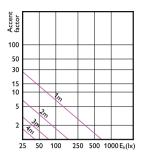
#### **Accent Diagrams**



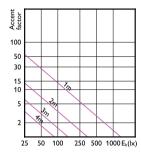
Accent Diagram - MASTER LED 3.9-35W 2700K MR16 36D



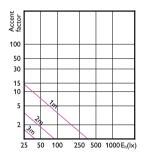
Accent Diagram - MAS LED spot VLE D 5.8-35W MR16 940 36D



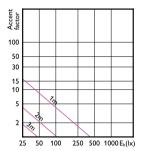
Accent Diagram - MAS LED spot VLE D 5.8-35W MR16 927 36D



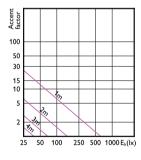
Accent Diagram - MASTER LED 4.9-50W 4000K MR16 24D



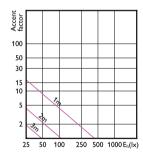
Accent Diagram - MAS LED spot VLE D 5.8-35W MR16 930 60D



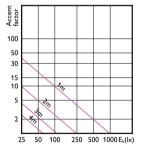
Accent Diagram - MAS LED spot VLE D 5.8-35W MR16 940 60D



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

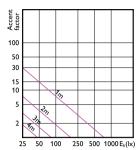


Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 930 60D

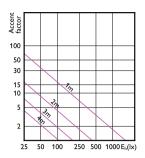


Accent Diagram - MASTER LED 4.9-50W 4000K MR16 36D

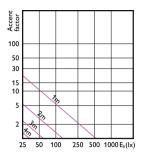
#### **Accent Diagrams**



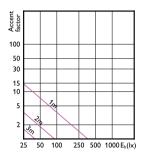
Accent Diagram - MAS LED spot VLE D 5.8-35W MR16 930 36D



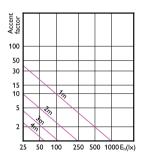
Accent Diagram - MASTER LED 4.9-50W 3000K MR16 24D



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

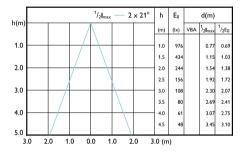


Accent Diagram - MAS LED spot VLE D 5.8-35W MR16 927 60D

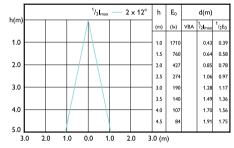


Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 927 36D

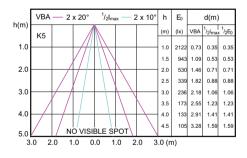
# **Beam Diagrams**



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

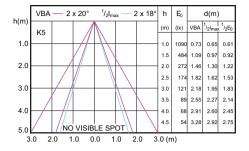


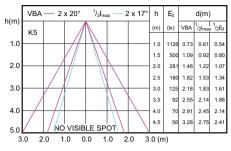
Beam diagram - MASTER LED 4.9-50W 3000K MR16 24D

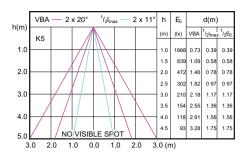


Beam diagram - MASTER LED 5.5-50W 2700K MR16 24D

#### **Beam Diagrams**



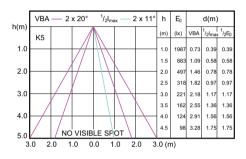


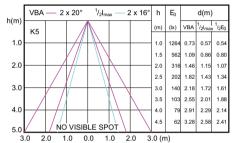


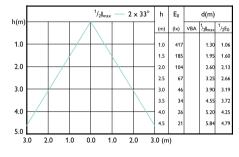
Beam diagram - MASTER LED 5.5-50W 2700K MR16 36D

Beam diagram - MASTER LED 5.5-50W 3000K MR16 36D

Beam diagram - MASTER LED 5.5-50W 3000K MR16 24D



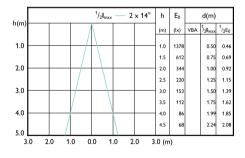


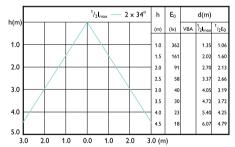


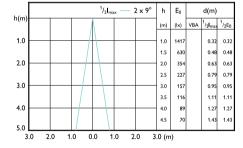
Beam diagram - MASTER LED 5.5-50W 4000K MR16 24D

Beam diagram - MASTER LED 5.5-50W 4000K MR16 36D

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





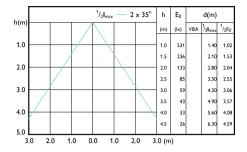


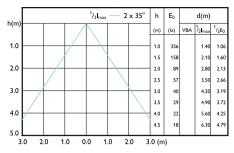
Beam diagram - MASTER LED 4.9-50W 4000K MR16 24D

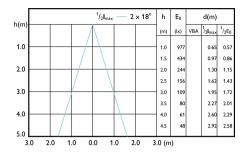
Beam diagram - MAS LED spot VLE D 5.8-35W MR16 927 60D

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

#### **Beam Diagrams**



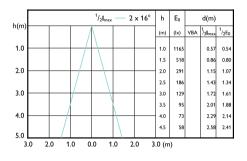


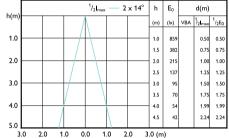


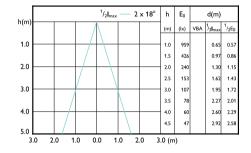
Beam diagram - MAS LED SPOT VLE D 7.5-50W MR16 940 60D

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

Beam diagram - MASTER LED 4.9-50W 4000K MR16 36D



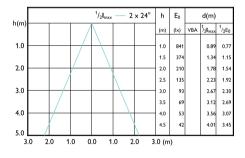


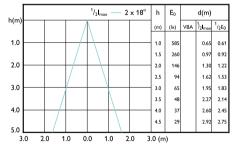


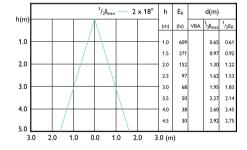
Beam diagram - MASTER LED 4.9-50W 3000K MR16 36D

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

Beam diagram - MASTER LED 4.9-50W 2700K MR16 36D





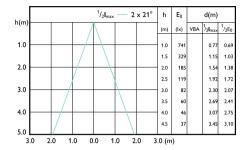


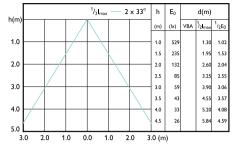
Beam diagram - MAS LED SPOT VLE D 7.5-50W MR16 940 36D

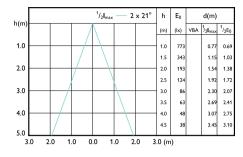
Beam diagram - MASTER LED 3.9-35W 2700K MR16 36D

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

#### **Beam Diagrams**



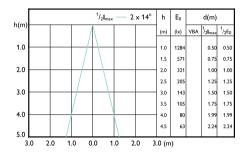


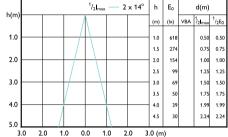


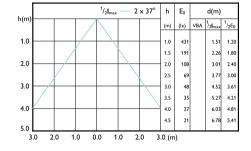
Beam diagram - MAS LED spot VLE D 5.8-35W MR16 930 36D

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



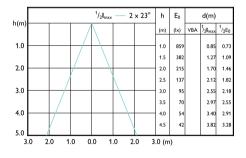


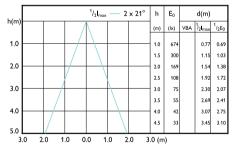


Beam diagram - MASTER LED 4.9-50W 2700K MR16 24D

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

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



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.