



# For top performance and sustainability

## MASTER LED spot ExpertColor MV

MASTER LEDspot ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. They offer superior lighting that has a customized spectrum, high CRI, and deep dimming feature. What's more the innovative, trimless lens design will also suit almost any interior decor with its clean and neat look. In addition, with MASTER LEDspot ExpertColor you can take advantage of the full ExpertColor family, which also includes LEDspot MR16, LEDspot AR111 and LEDspot PAR lamps. MASTER LEDspot ExpertColor delivers huge energy savings and minimizes maintenance costs without any compromise on light quality and lifetime, enabling residential and business owners to achieve a return on their investment within a short time period.

### Benefits

- Create a warm and comfortable ambience with MASTER LED GU10
- Hassle-free retrofit solution for greater energy efficiency and sustainability
- Interior decor, furnishings and fabrics look great

### Features

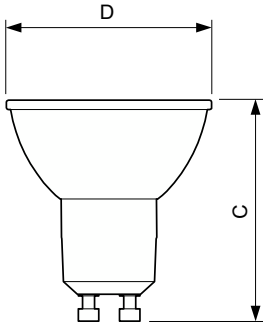
- Customized color spectrum replicates halogen light color
- Best-in-class color realization CRI97, R9>85
- Retrofittable with main-voltage GU10 halogen lamps
- Deep and smooth dimming with broad transformer compatibility

### Application

- Hospitality
- Retail
- Residential

# MASTER LED spot ExpertColor MV

## Dimensional drawing



Product	D	C
MAS LED ExpertColor 3.9-35W GU10 927 25D	50 mm	54 mm
MAS LED ExpertColor 3.9-35W GU10 927 36D	50 mm	54 mm
MAS LED ExpertColor 3.9-35W GU10 930 25D	50 mm	54 mm
MAS LED ExpertColor 3.9-35W GU10 930 36D	50 mm	54 mm
MAS LED ExpertColor 3.9-35W GU10 940 25D	50 mm	54 mm
MAS LED ExpertColor 3.9-35W GU10 940 36D	50 mm	54 mm
MAS LED ExpertColor 5.5-50W GU10 927 24D	50 mm	54 mm
MAS LED ExpertColor 5.5-50W GU10 927 25D	50 mm	54 mm
MAS LED ExpertColor 5.5-50W GU10 927 36D	50 mm	54 mm
MAS LED ExpertColor 5.5-50W GU10 927 36D	50 mm	54 mm
MAS LED ExpertColor 5.5-50W GU10 930 24D	50 mm	54 mm
MAS LED ExpertColor 5.5-50W GU10 930 25D	50 mm	54 mm
MAS LED ExpertColor 5.5-50W GU10 930 36D	50 mm	54 mm
MAS LED ExpertColor 5.5-50W GU10 930 36D	50 mm	54 mm
MAS LED ExpertColor 5.5-50W GU10 930 36D	50 mm	54 mm
MAS LED ExpertColor 5.5-50W GU10 940 25D	50 mm	54 mm
MAS LED ExpertColor 5.5-50W GU10 940 36D	50 mm	54 mm
MASLED ExpertColor5.5-50W GU10 927 25DUK	50 mm	54 mm
MASLED ExpertColor5.5-50W GU10 927 36DUK	50 mm	54 mm
MASLEExpertColor 5.5-50W GU10 930 36DUK	50 mm	54 mm

### General Information

Cap-Base	GU10
Switching Cycle	50,000
Nominal lifetime	40,000 hour(s)

### Light Technical

Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %

### Operating and Electrical

Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s

### Mechanical and Housing

Bulb Shape	PAR16
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## Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		
			Temperature (Nom)	Color Code	Luminous Flux
929001346402	MAS LED ExpertColor 3.9-35W GU10 927 25D	25 degree(s)	2700 K	927	265 lm
929001346502	MAS LED ExpertColor 3.9-35W GU10 930 25D	25 degree(s)	3000 K	930	280 lm
929001346602	MAS LED ExpertColor 3.9-35W GU10 940 25D	25 degree(s)	4000 K	940	300 lm
929001346702	MAS LED ExpertColor 3.9-35W GU10 927 36D	36 degree(s)	2700 K	927	265 lm
929001346802	MAS LED ExpertColor 3.9-35W GU10 930 36D	36 degree(s)	3000 K	930	280 lm
929001346902	MAS LED ExpertColor 3.9-35W GU10 940 36D	36 degree(s)	4000 K	940	300 lm
929001347002	MAS LED ExpertColor 5.5-50W GU10 927 25D	25 degree(s)	2700 K	927	355 lm
929001347008	MAS LED ExpertColor 5.5-50W GU10 927 24D	24 degree(s)	2700 K	927	385 lm
929001347099	MASLED ExpertColor5.5-50W GU10 927 25DUK	25 degree(s)	2700 K	927	355 lm
929001347102	MAS LED ExpertColor 5.5-50W GU10 930 25D	25 degree(s)	3000 K	930	375 lm
929001347108	MAS LED ExpertColor 5.5-50W GU10 930 24D	24 degree(s)	3000 K	930	405 lm
929001347202	MAS LED ExpertColor 5.5-50W GU10 940 25D	25 degree(s)	4000 K	940	400 lm

# MASTER LED spot ExpertColor MV

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		
			Temperature (Nom)	Color Code	Luminous Flux
929001347302	MAS LED ExpertColor 5.5-50W GU10 927 36D	36 degree(s)	2700 K	927	355 lm
929001347308	MAS LED ExpertColor 5.5-50W GU10 927 36D	36 degree(s)	2700 K	927	385 lm
929001347398	MASLED ExpertColor5.5-50W GU10 927 36DUK	36 degree(s)	2700 K	927	355 lm
929001347402	MAS LED ExpertColor 5.5-50W GU10 930 36D	36 degree(s)	3000 K	930	375 lm
929001347408	MAS LED ExpertColor 5.5-50W GU10 930 36D	36 degree(s)	3000 K	930	405 lm
929001347499	MASLEDEExpertColor 5.5-50W GU10 930 36DUK	36 degree(s)	3000 K	930	375 lm
929001347502	MAS LED ExpertColor 5.5-50W GU10 940 36D	36 degree(s)	4000 K	940	400 lm

## Light Technical (2/2)

Order Code	Full Product Name	Luminous Intensity (Nom)
929001346402	MAS LED ExpertColor 3.9-35W GU10 927 25D	800 cd
929001346502	MAS LED ExpertColor 3.9-35W GU10 930 25D	850 cd
929001346602	MAS LED ExpertColor 3.9-35W GU10 940 25D	850 cd
929001346702	MAS LED ExpertColor 3.9-35W GU10 927 36D	650 cd
929001346802	MAS LED ExpertColor 3.9-35W GU10 930 36D	680 cd
929001346902	MAS LED ExpertColor 3.9-35W GU10 940 36D	680 cd
929001347002	MAS LED ExpertColor 5.5-50W GU10 927 25D	1,050 cd
929001347008	MAS LED ExpertColor 5.5-50W GU10 927 24D	1,000 cd
929001347099	MASLED ExpertColor5.5-50W GU10 927 25DUK	1,050 cd
929001347102	MAS LED ExpertColor 5.5-50W GU10 930 25D	1,130 cd

Order Code	Full Product Name	Luminous Intensity (Nom)
929001347108	MAS LED ExpertColor 5.5-50W GU10 930 24D	1,000 cd
929001347202	MAS LED ExpertColor 5.5-50W GU10 940 25D	1,200 cd
929001347302	MAS LED ExpertColor 5.5-50W GU10 927 36D	850 cd
929001347308	MAS LED ExpertColor 5.5-50W GU10 927 36D	800 cd
929001347398	MASLED ExpertColor5.5-50W GU10 927 36DUK	850 cd
929001347402	MAS LED ExpertColor 5.5-50W GU10 930 36D	880 cd
929001347408	MAS LED ExpertColor 5.5-50W GU10 930 36D	800 cd
929001347499	MASLEDEExpertColor 5.5-50W GU10 930 36DUK	880 cd
929001347502	MAS LED ExpertColor 5.5-50W GU10 940 36D	940 cd

## Operating and Electrical

Order Code	Full Product Name	Power Consumption	Wattage Equivalent
929001346402	MAS LED ExpertColor 3.9-35W GU10 927 25D	3.9 W	35 W
929001346502	MAS LED ExpertColor 3.9-35W GU10 930 25D	3.9 W	35 W
929001346602	MAS LED ExpertColor 3.9-35W GU10 940 25D	3.9 W	35 W
929001346702	MAS LED ExpertColor 3.9-35W GU10 927 36D	3.9 W	35 W
929001346802	MAS LED ExpertColor 3.9-35W GU10 930 36D	3.9 W	35 W
929001346902	MAS LED ExpertColor 3.9-35W GU10 940 36D	3.9 W	35 W
929001347002	MAS LED ExpertColor 5.5-50W GU10 927 25D	5.5 W	50 W

Order Code	Full Product Name	Power Consumption	Wattage Equivalent
929001347008	MAS LED ExpertColor 5.5-50W GU10 927 24D	5.5 W	50 W
929001347099	MASLED ExpertColor5.5-50W GU10 927 25DUK	5.5 W	50 W
929001347102	MAS LED ExpertColor 5.5-50W GU10 930 25D	5.5 W	50 W
929001347108	MAS LED ExpertColor 5.5-50W GU10 930 24D	5.5 W	50 W
929001347202	MAS LED ExpertColor 5.5-50W GU10 940 25D	5.5 W	50 W
929001347302	MAS LED ExpertColor 5.5-50W GU10 927 36D	5.5 W	50 W
929001347308	MAS LED ExpertColor 5.5-50W GU10 927 36D	5.5 W	50 W

## MASTER LED spot ExpertColor MV

Order Code	Full Product Name	Power	Wattage
		Consumption	Equivalent
929001347398	MASLED ExpertColor5.5-50W GU10 927 36DUK	5.5 W	50 W
929001347402	MAS LED ExpertColor 5.5-50W GU10 930 36D	5.5 W	50 W
929001347408	MAS LED ExpertColor 5.5-50W GU10 930 36D	5.5 W	50 W

Order Code	Full Product Name	Power	Wattage
		Consumption	Equivalent
929001347499	MASLEDExpertColor 5.5-50W GU10 930 36DUK	5.5 W	50 W
929001347502	MAS LED ExpertColor 5.5-50W GU10 940 36D	5.5 W	50 W

### Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001346402	MAS LED ExpertColor 3.9-35W GU10 927 25D	56 °C
929001346502	MAS LED ExpertColor 3.9-35W GU10 930 25D	56 °C
929001346602	MAS LED ExpertColor 3.9-35W GU10 940 25D	56 °C
929001346702	MAS LED ExpertColor 3.9-35W GU10 927 36D	56 °C
929001346802	MAS LED ExpertColor 3.9-35W GU10 930 36D	56 °C
929001346902	MAS LED ExpertColor 3.9-35W GU10 940 36D	56 °C
929001347002	MAS LED ExpertColor 5.5-50W GU10 927 25D	66 °C
929001347008	MAS LED ExpertColor 5.5-50W GU10 927 24D	80 °C
929001347099	MASLED ExpertColor5.5-50W GU10 927 25DUK	66 °C
929001347102	MAS LED ExpertColor 5.5-50W GU10 930 25D	66 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001347108	MAS LED ExpertColor 5.5-50W GU10 930 24D	80 °C
929001347202	MAS LED ExpertColor 5.5-50W GU10 940 25D	66 °C
929001347302	MAS LED ExpertColor 5.5-50W GU10 927 36D	66 °C
929001347308	MAS LED ExpertColor 5.5-50W GU10 927 36D	80 °C
929001347398	MASLED ExpertColor5.5-50W GU10 927 36DUK	66 °C
929001347402	MAS LED ExpertColor 5.5-50W GU10 930 36D	66 °C
929001347408	MAS LED ExpertColor 5.5-50W GU10 930 36D	80 °C
929001347499	MASLEDExpertColor 5.5-50W GU10 930 36DUK	66 °C
929001347502	MAS LED ExpertColor 5.5-50W GU10 940 36D	66 °C

### Controls and Dimming

Order Code	Full Product Name	Dimmable
929001346402	MAS LED ExpertColor 3.9-35W GU10 927 25D	Only with specific dimmers
929001346502	MAS LED ExpertColor 3.9-35W GU10 930 25D	Only with specific dimmers
929001346602	MAS LED ExpertColor 3.9-35W GU10 940 25D	Only with specific dimmers
929001346702	MAS LED ExpertColor 3.9-35W GU10 927 36D	Only with specific dimmers
929001346802	MAS LED ExpertColor 3.9-35W GU10 930 36D	Only with specific dimmers
929001346902	MAS LED ExpertColor 3.9-35W GU10 940 36D	Only with specific dimmers
929001347002	MAS LED ExpertColor 5.5-50W GU10 927 25D	Only with specific dimmers
929001347008	MAS LED ExpertColor 5.5-50W GU10 927 24D	Yes
929001347099	MASLED ExpertColor5.5-50W GU10 927 25DUK	Only with specific dimmers

Order Code	Full Product Name	Dimmable
929001347102	MAS LED ExpertColor 5.5-50W GU10 930 25D	Only with specific dimmers
929001347108	MAS LED ExpertColor 5.5-50W GU10 930 24D	Yes
929001347202	MAS LED ExpertColor 5.5-50W GU10 940 25D	Only with specific dimmers
929001347302	MAS LED ExpertColor 5.5-50W GU10 927 36D	Only with specific dimmers
929001347308	MAS LED ExpertColor 5.5-50W GU10 927 36D	Yes
929001347398	MASLED ExpertColor5.5-50W GU10 927 36DUK	Only with specific dimmers
929001347402	MAS LED ExpertColor 5.5-50W GU10 930 36D	Only with specific dimmers
929001347408	MAS LED ExpertColor 5.5-50W GU10 930 36D	Yes
929001347499	MASLEDExpertColor 5.5-50W GU10 930 36DUK	Only with specific dimmers
929001347502	MAS LED ExpertColor 5.5-50W GU10 940 36D	Only with specific dimmers

### Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
929001346402	MAS LED ExpertColor 3.9-35W GU10 927 25D	Clear
929001346502	MAS LED ExpertColor 3.9-35W GU10 930 25D	Clear
929001346602	MAS LED ExpertColor 3.9-35W GU10 940 25D	Clear
929001346702	MAS LED ExpertColor 3.9-35W GU10 927 36D	Clear

Order Code	Full Product Name	Bulb Finish
929001346802	MAS LED ExpertColor 3.9-35W GU10 930 36D	Clear
929001346902	MAS LED ExpertColor 3.9-35W GU10 940 36D	Clear
929001347002	MAS LED ExpertColor 5.5-50W GU10 927 25D	Clear
929001347008	MAS LED ExpertColor 5.5-50W GU10 927 24D	-

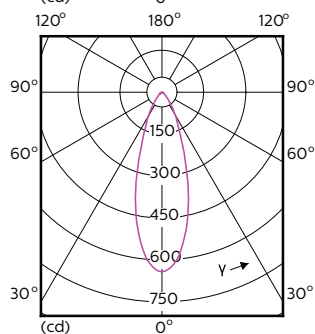
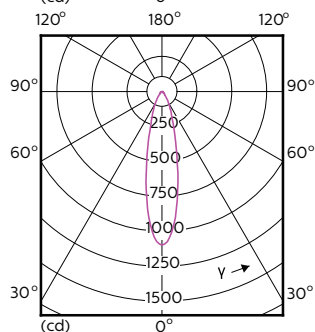
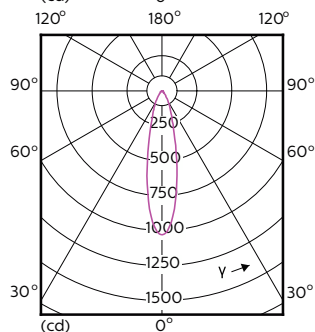
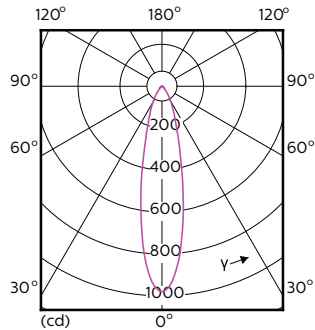
# MASTER LED spot ExpertColor MV

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929001347099	MASLED ExpertColor5.5-50W GU10 927 25DUK	Clear
929001347102	MAS LED ExpertColor 5.5-50W GU10 930 25D	Clear
929001347108	MAS LED ExpertColor 5.5-50W GU10 930 24D	-
929001347202	MAS LED ExpertColor 5.5-50W GU10 940 25D	Clear
929001347302	MAS LED ExpertColor 5.5-50W GU10 927 36D	Clear
929001347308	MAS LED ExpertColor 5.5-50W GU10 927 36D	-

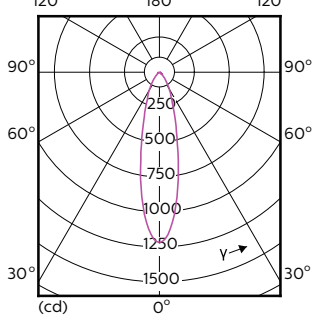
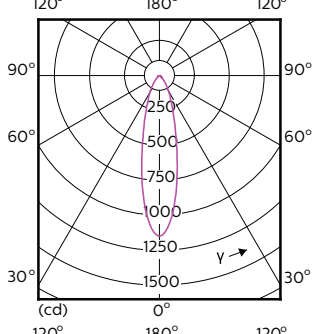
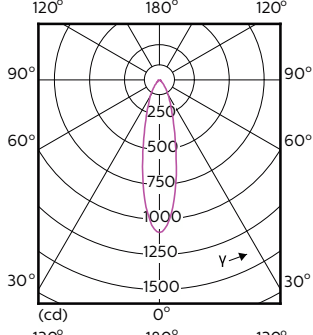
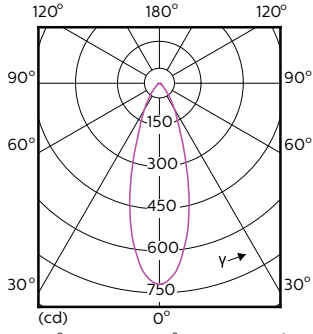
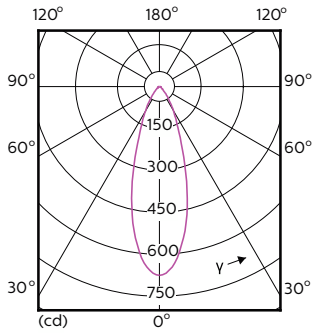
Order Code	Full Product Name	Bulb Finish
929001347398	MASLED ExpertColor5.5-50W GU10 927 36DUK	Clear
929001347402	MAS LED ExpertColor 5.5-50W GU10 930 36D	Clear
929001347408	MAS LED ExpertColor 5.5-50W GU10 930 36D	-
929001347499	MASLEDExpertColor 5.5-50W GU10 930 36DUK	Clear
929001347502	MAS LED ExpertColor 5.5-50W GU10 940 36D	Clear

## Approval and Application

Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
929001346402	MAS LED ExpertColor 3.9-35W GU10 927 25D	-20 to +45 °C	4 kWh
929001346502	MAS LED ExpertColor 3.9-35W GU10 930 25D	-20 to +45 °C	4 kWh
929001346602	MAS LED ExpertColor 3.9-35W GU10 940 25D	-20 to +45 °C	4 kWh
929001346702	MAS LED ExpertColor 3.9-35W GU10 927 36D	-20 to +45 °C	4 kWh
929001346802	MAS LED ExpertColor 3.9-35W GU10 930 36D	-20 to +45 °C	4 kWh
929001346902	MAS LED ExpertColor 3.9-35W GU10 940 36D	-20 to +45 °C	4 kWh
929001347002	MAS LED ExpertColor 5.5-50W GU10 927 25D	-20 to +35 °C	6 kWh
929001347008	MAS LED ExpertColor 5.5-50W GU10 927 24D	-20 °C to 45 °C	6 kWh
929001347099	MASLED ExpertColor5.5-50W GU10 927 25DUK	-20 to +45 °C	6 kWh
929001347102	MAS LED ExpertColor 5.5-50W GU10 930 25D	-20 to +45 °C	6 kWh
929001347108	MAS LED ExpertColor 5.5-50W GU10 930 24D	-20 °C to 45 °C	6 kWh
929001347202	MAS LED ExpertColor 5.5-50W GU10 940 25D	-20 to +45 °C	6 kWh
929001347302	MAS LED ExpertColor 5.5-50W GU10 927 36D	-20 to +45 °C	6 kWh
929001347308	MAS LED ExpertColor 5.5-50W GU10 927 36D	-20 °C to 45 °C	6 kWh
929001347398	MASLED ExpertColor5.5-50W GU10 927 36DUK	-20 to +45 °C	6 kWh
929001347402	MAS LED ExpertColor 5.5-50W GU10 930 36D	-20 to +45 °C	6 kWh
929001347408	MAS LED ExpertColor 5.5-50W GU10 930 36D	-20 °C to 45 °C	6 kWh
929001347499	MASLEDExpertColor 5.5-50W GU10 930 36DUK	-20 to +45 °C	6 kWh
929001347502	MAS LED ExpertColor 5.5-50W GU10 940 36D	-20 to +45 °C	6 kWh



# MASTER LED spot ExpertColor MV



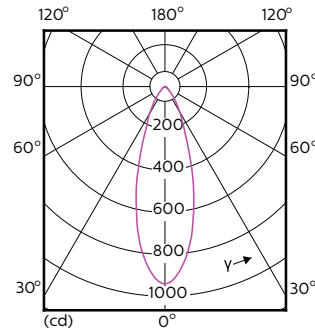
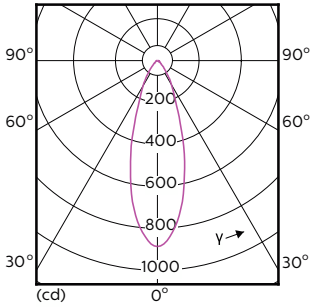
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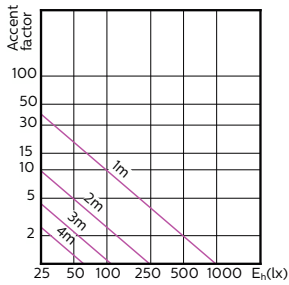
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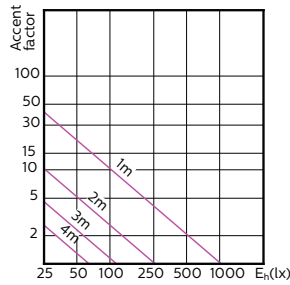
# MASTER LED spot ExpertColor MV



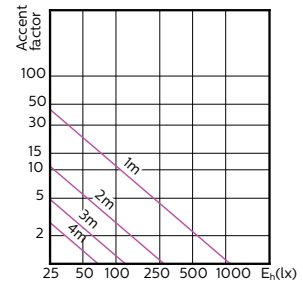
## Accent Diagrams



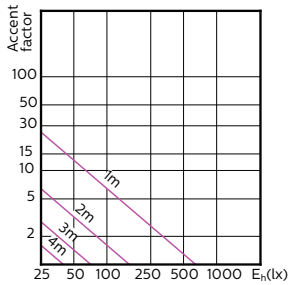
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 927 25D



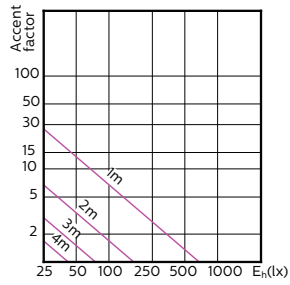
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 930 25D



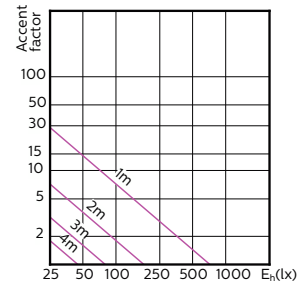
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 940 25D



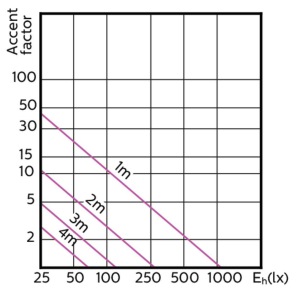
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 927 36D



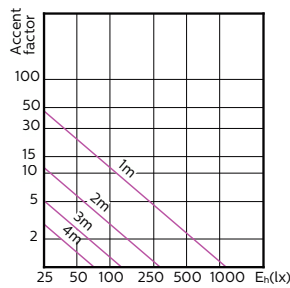
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 930 36D



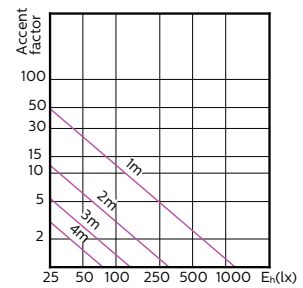
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 940 36D



Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 927 25DUK



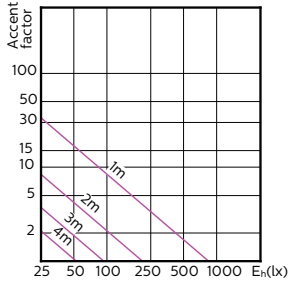
Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 930 24D



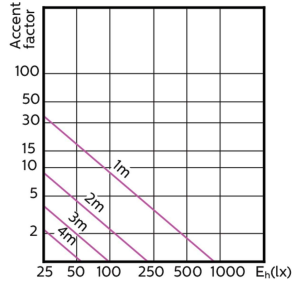
Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 940 25D

# MASTER LED spot ExpertColor MV

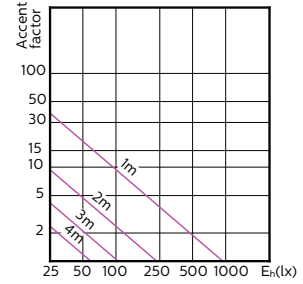
## Accent Diagrams



Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 927 36D

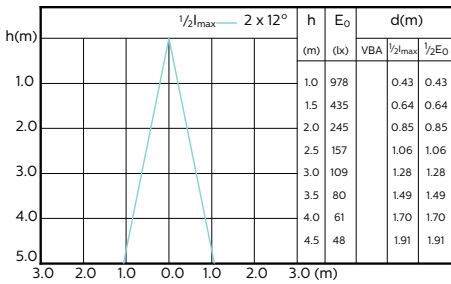


Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 930 36D

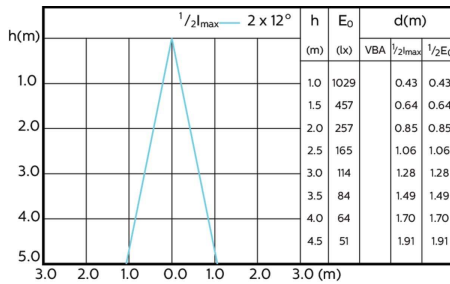


Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 940 36D

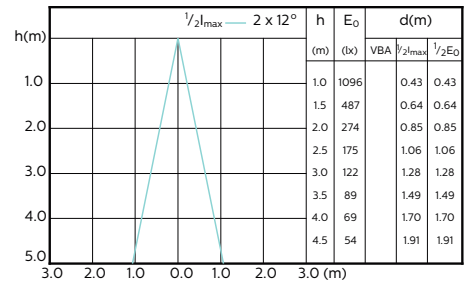
## Beam Diagrams



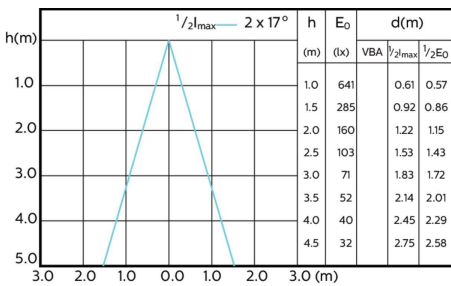
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 927 25D



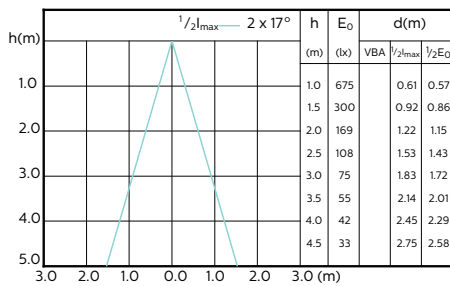
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 930 25D



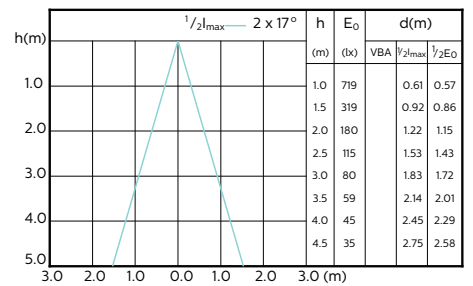
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 940 25D



Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 927 36D



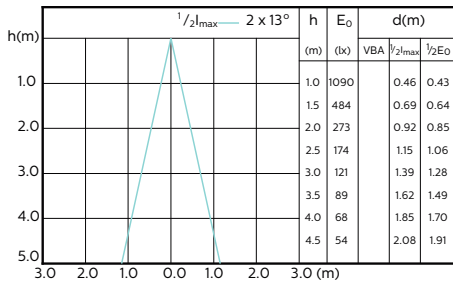
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 930 36D



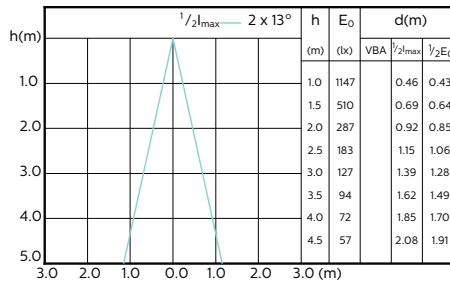
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 940 36D

# MASTER LED spot ExpertColor MV

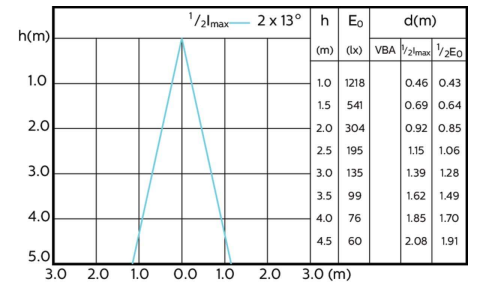
## Beam Diagrams



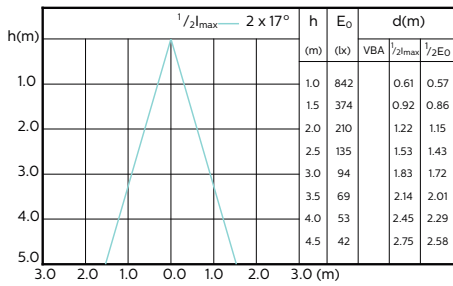
Beam diagram - MASLED ExpertColor 5.5-50W  
GU10 927 25DUK



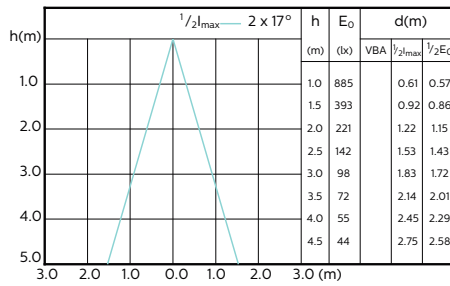
Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 930 24D



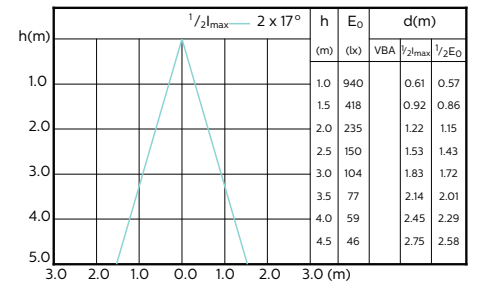
Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 940 25D



Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 927 36D



Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 930 36D



Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 940 36D

