



# For top performance and sustainability

## MASTER LED spot ExpertColor MV

MASTER LEDspot MV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates ambience with superior lighting that has a customised spectrum, high CRI and deep dimming features. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will also suit almost any interior decor with its clean and neat look. In addition, you can take advantage of the full ExpertColor family, which also includes LEDspot LV lamps.

### Benefits

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

### Features

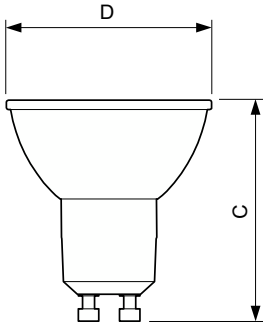
- Customised colour spectrum replicates halogen light colour
- Best-in-class colour realisation CRI97, R9>85
- Retrofittable with main-voltage GU10 halogen lamps
- Deep and smooth dimming with broad transformer compatibility

### Application

- Hospitality
- Retail
- Residential

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## 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 36D	50 mm	54 mm
MAS LED ExpertColor 5.5-50W GU10 930 25D	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 h

### Light Technical

Colour 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

### Controls and Dimming

Dimmable	Only with specific dimmers
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### Mechanical and Housing

Lamp Finish	Clear
Bulb shape	PAR16

### Approval and Application

Ambient temperature range	-20 to +45 °C
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## Light Technical (1/2)

Order Code	Full Product Name	Beam angle (nom.)	Correlated Colour		
			Temperature (Nom)	Colour 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
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
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
929001347202	MAS LED ExpertColor 5.5-50W GU10 940 25D	25 degree(s)	4000 K	940	400 lm
929001347398	MASLED ExpertColor5.5-50W GU10 927 36DUK	36 degree(s)	2700 K	927	355 lm
929001347499	MASLEExpertColor 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
929001346702	MAS LED ExpertColor 3.9-35W GU10 927 36D	650 cd
929001346802	MAS LED ExpertColor 3.9-35W GU10 930 36D	680 cd

Order Code	Full Product Name	Luminous intensity (nom.)
929001346902	MAS LED ExpertColor 3.9-35W GU10 940 36D	680 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
929001347202	MAS LED ExpertColor 5.5-50W GU10 940 25D	1,200 cd

# MASTER LED spot ExpertColor MV

Order Code	Full Product Name	Luminous intensity (nom.)
929001347398	MASLED ExpertColor 5.5-50W GU10 927 36DUK	850 cd
929001347499	MASLEDExpertColor 5.5-50W GU10 930 36DUK	880 cd

Order Code	Full Product Name	Luminous intensity (nom.)
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
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
929001347099	MASLED ExpertColor 5.5-50W GU10 927 25DUK	5.5 W	50 W

Order Code	Full Product Name	Power Consumption	Wattage equivalent
929001347102	MAS LED ExpertColor 5.5-50W GU10 930 25D	5.5 W	50 W
929001347202	MAS LED ExpertColor 5.5-50W GU10 940 25D	5.5 W	50 W
929001347398	MASLED ExpertColor 5.5-50W GU10 927 36DUK	5.5 W	50 W
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

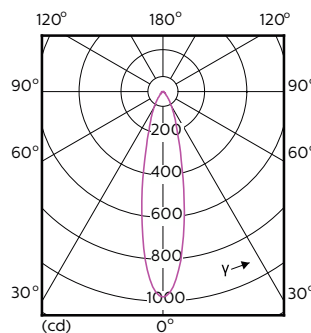
## Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
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929001346502	MAS LED ExpertColor 3.9-35W GU10 930 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
929001347099	MASLED ExpertColor 5.5-50W GU10 927 25DUK	66 °C

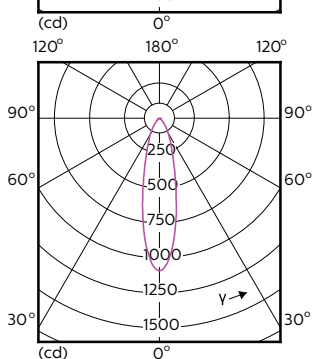
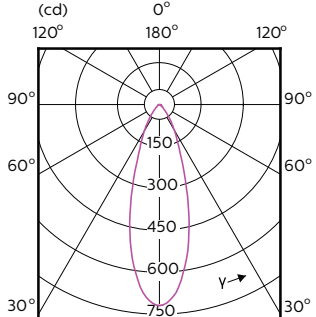
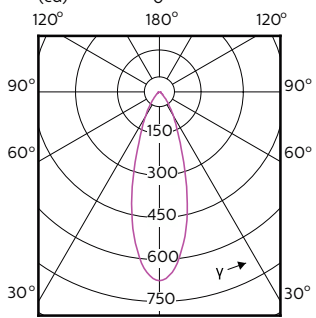
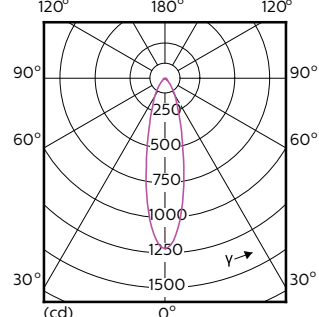
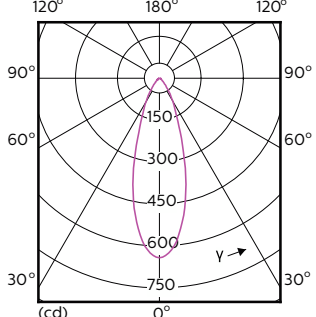
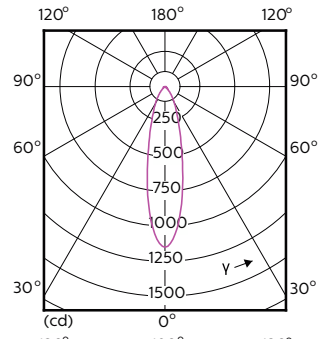
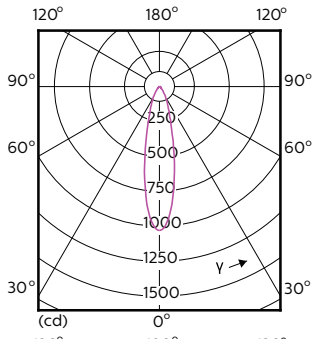
Order Code	Full Product Name	T-Case maximum (nom.)
929001347102	MAS LED ExpertColor 5.5-50W GU10 930 25D	66 °C
929001347202	MAS LED ExpertColor 5.5-50W GU10 940 25D	66 °C
929001347398	MASLED ExpertColor 5.5-50W GU10 927 36DUK	66 °C
929001347499	MASLEDExpertColor 5.5-50W GU10 930 36DUK	66 °C
929001347502	MAS LED ExpertColor 5.5-50W GU10 940 36D	66 °C

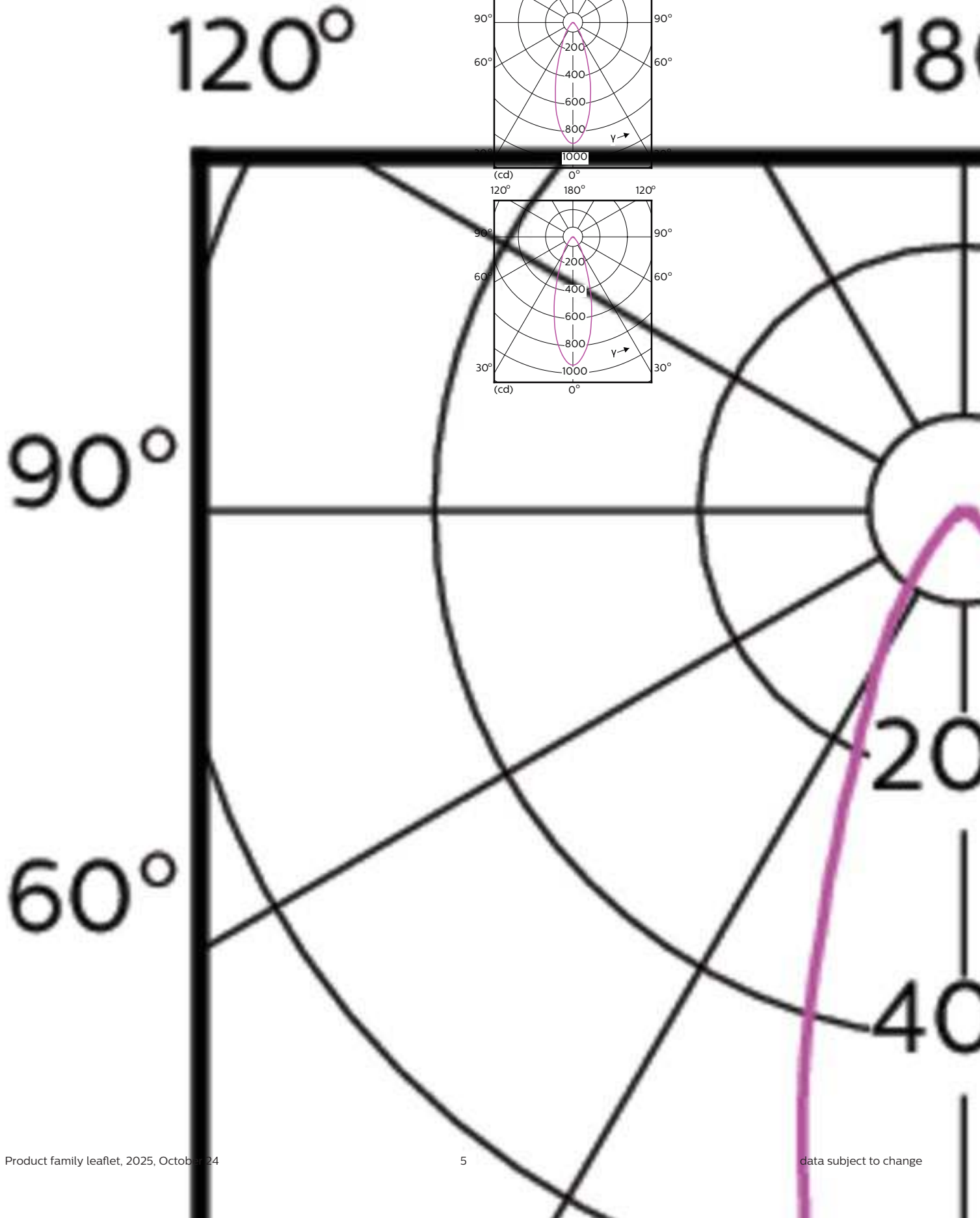
## Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours
929001346402	MAS LED ExpertColor 3.9-35W GU10 927 25D	4 kWh
929001346502	MAS LED ExpertColor 3.9-35W GU10 930 25D	4 kWh
929001346702	MAS LED ExpertColor 3.9-35W GU10 927 36D	4 kWh
929001346802	MAS LED ExpertColor 3.9-35W GU10 930 36D	4 kWh
929001346902	MAS LED ExpertColor 3.9-35W GU10 940 36D	4 kWh
929001347099	MASLED ExpertColor 5.5-50W GU10 927 25DUK	6 kWh
929001347102	MAS LED ExpertColor 5.5-50W GU10 930 25D	6 kWh
929001347202	MAS LED ExpertColor 5.5-50W GU10 940 25D	6 kWh
929001347398	MASLED ExpertColor 5.5-50W GU10 927 36DUK	6 kWh
929001347499	MASLEDExpertColor 5.5-50W GU10 930 36DUK	6 kWh
929001347502	MAS LED ExpertColor 5.5-50W GU10 940 36D	6 kWh



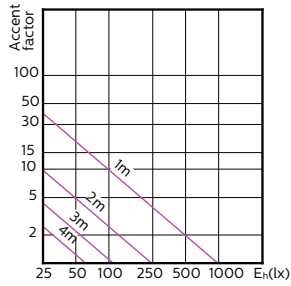
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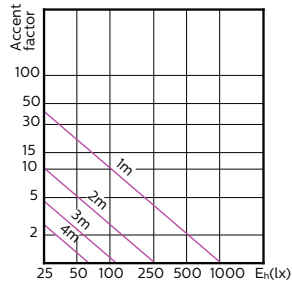


# MASTER LED spot ExpertColor MV

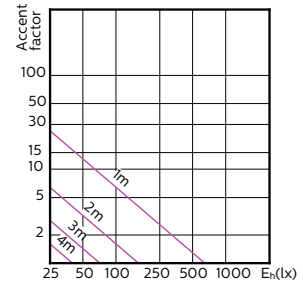
## Accent Diagrams



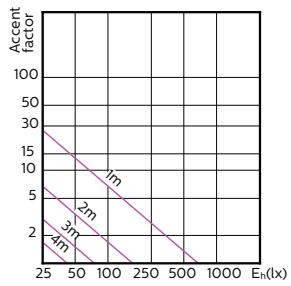
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 927 25D



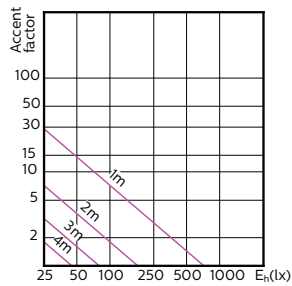
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 930 25D



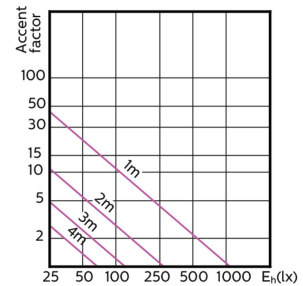
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 927 36D



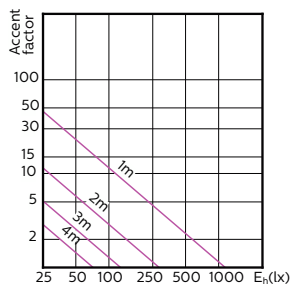
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 930 36D



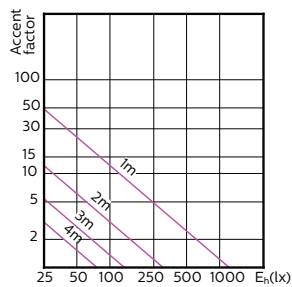
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 940 36D



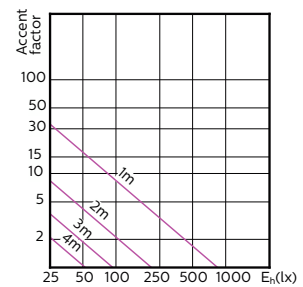
Accent Diagram - MAS LED ExpertColor 5.5-50W  
GU10 927 25DUK



Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 930 25D



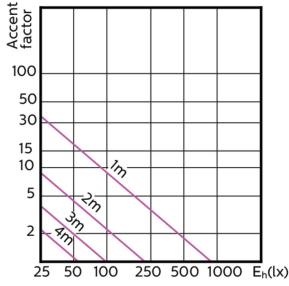
Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 940 25D



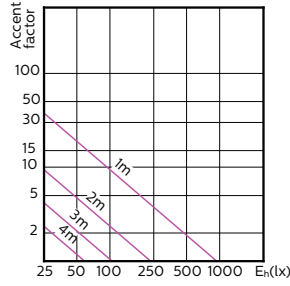
Accent Diagram - MAS LED ExpertColor 5.5-50W  
GU10 927 36DUK

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## Accent Diagrams

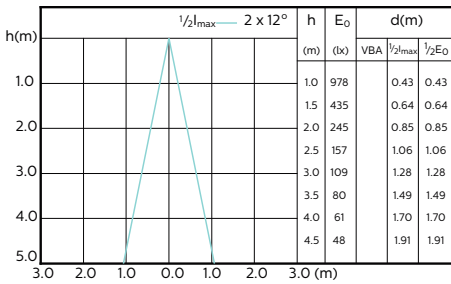


Accent Diagram - MASLEExpertColor 5.5-50W  
GU10 930 36DUK

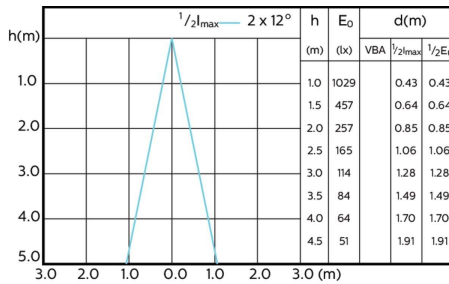


Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 940 36D

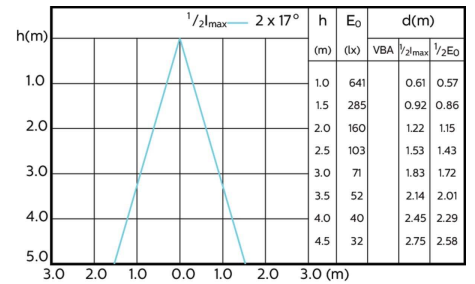
## Beam Diagrams



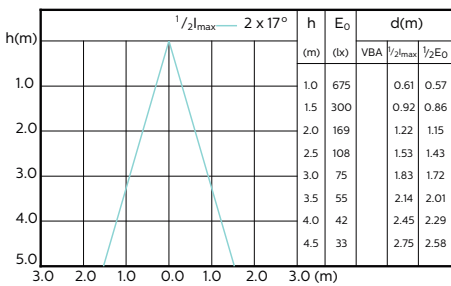
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 927 25D



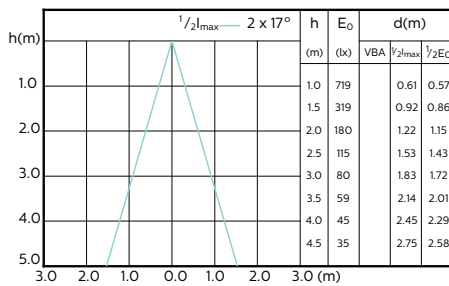
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 930 25D



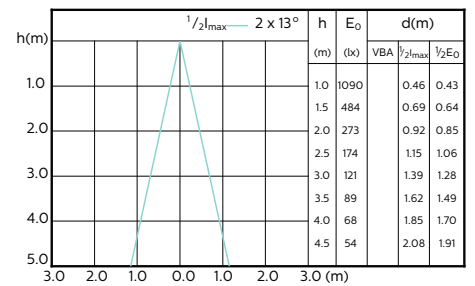
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 927 36D



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



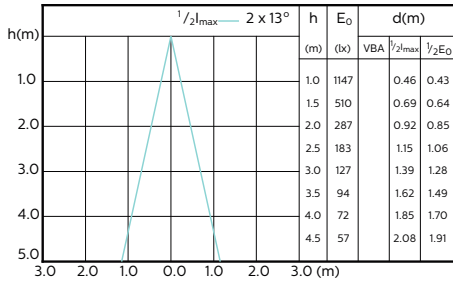
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 940 36D



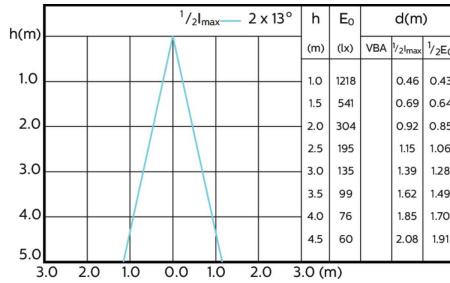
Beam diagram - MASLED ExpertColor 5.5-50W  
GU10 927 25DUK

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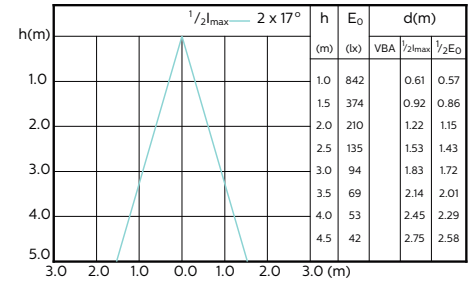
## Beam Diagrams



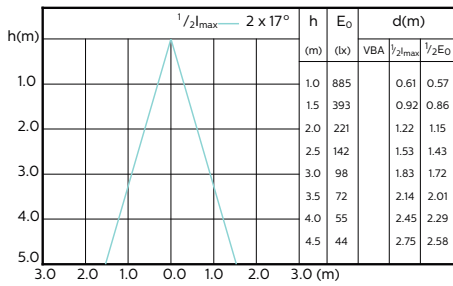
Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 930 25D



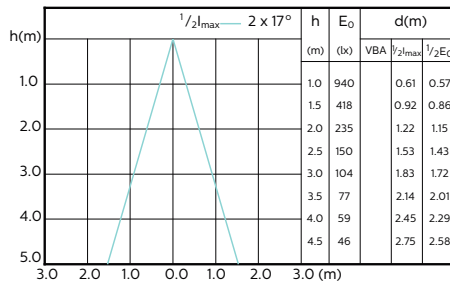
Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 940 25D



Beam diagram - MASLED ExpertColor 5.5-50W  
GU10 927 36DUK



Beam diagram - MASLE ExpertColor 5.5-50W  
GU10 930 36DUK



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

