



For top performance and sustainability

MASTER LEDspot ExpertColor MV

The MASTER LEDspot ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. They offer superior lighting that has a customised spectrum, high CRI and deep dimming feature. What's more, the innovative, trimless lens design will suit almost any interior decor with its clean and neat look. In addition, with the MASTER LEDspot ExpertColor you can take advantage of the full ExpertColor family, which also includes LEDspot MR16, LEDspot AR111 and LEDspot PAR lamps. The MASTER LEDspot ExpertColor delivers huge energy savings and minimises 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
- A hassle-free retrofit solution for greater energy efficiency and sustainability
- Interior decor, furnishings and fabrics look great

Features

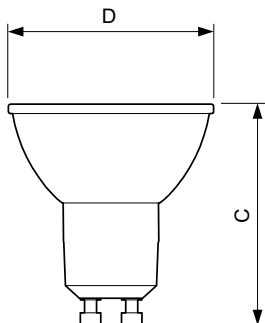
- Customised colour spectrum replicates halogen light colour
- Best-in-class colour realisation CRI97, R9>85
- Retrofittable with main-voltage GU10 halogen lamps
- Deep and smooth dimming with broad transformer compatibility

Application

- Hospitality
- Retail
- Residential

MASTER LEDspot ExpertColor MV

Dimensional drawing



Product	D	C
MAS LED ExpertColor 3.9-35W GU10 927 25D	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 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 940 25D	50 mm	54 mm
MAS LED ExpertColor 5.5-50W GU10 940 36D	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
Temperature	
T-Case maximum (nom.)	80 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb shape	PAR16

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
929001347002	MAS LED ExpertColor 5.5-50W GU10 927 25D	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
929001347302	MAS LED ExpertColor 5.5-50W GU10 927 36D	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
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	700 cd
929001347002	MAS LED ExpertColor 5.5-50W GU10 927 25D	1,000 cd
929001347102	MAS LED ExpertColor 5.5-50W GU10 930 25D	1,000 cd
929001347202	MAS LED ExpertColor 5.5-50W GU10 940 25D	1,050 cd

Order Code	Full Product Name	Luminous intensity (nom.)
929001347302	MAS LED ExpertColor 5.5-50W GU10 927 36D	800 cd
929001347402	MAS LED ExpertColor 5.5-50W GU10 930 36D	800 cd
929001347502	MAS LED ExpertColor 5.5-50W GU10 940 36D	800 cd

Operating and Electrical

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Order Code	Full Product Name	Power Consumption	Wattage equivalent
929001346402	MAS LED ExpertColor 3.9-35W GU10 927 25D	3.9 W	35 W
929001347002	MAS LED ExpertColor 5.5-50W GU10 927 25D	5.5 W	50 W
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

Order Code	Full Product Name	Power Consumption	Wattage equivalent
929001347302	MAS LED ExpertColor 5.5-50W GU10 927 36D	5.5 W	50 W
929001347402	MAS LED ExpertColor 5.5-50W GU10 930 36D	5.5 W	50 W
929001347502	MAS LED ExpertColor 5.5-50W GU10 940 36D	5.5 W	50 W

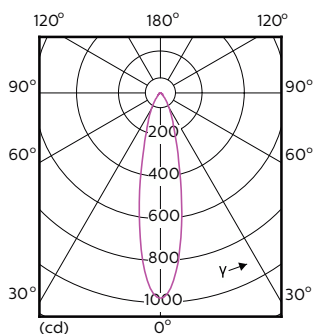
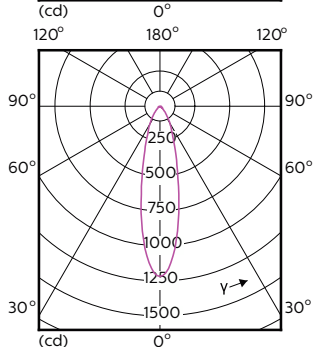
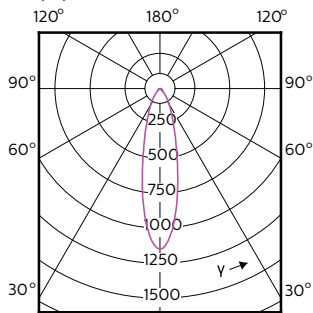
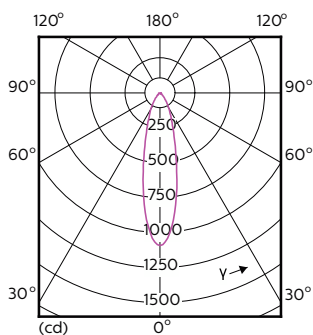
Mechanical and Housing

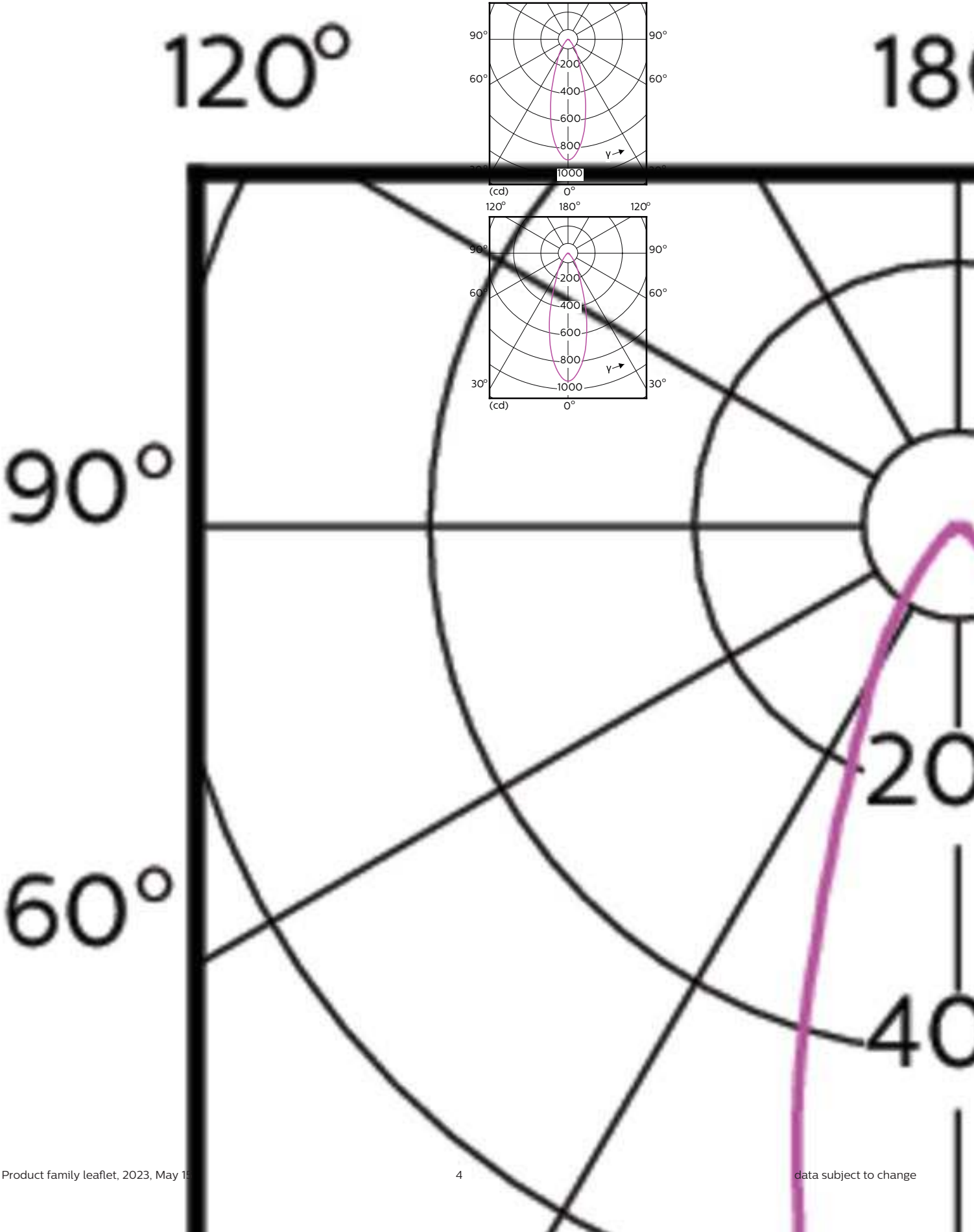
Order Code	Full Product Name	Lamp Finish
929001346402	MAS LED ExpertColor 3.9-35W GU10 927 25D	-
929001347002	MAS LED ExpertColor 5.5-50W GU10 927 25D	Clear
929001347102	MAS LED ExpertColor 5.5-50W GU10 930 25D	Clear
929001347202	MAS LED ExpertColor 5.5-50W GU10 940 25D	-

Order Code	Full Product Name	Lamp Finish
929001347302	MAS LED ExpertColor 5.5-50W GU10 927 36D	-
929001347402	MAS LED ExpertColor 5.5-50W GU10 930 36D	-
929001347502	MAS LED ExpertColor 5.5-50W GU10 940 36D	-

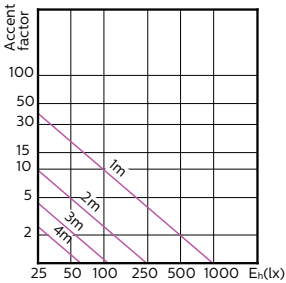
Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours
929001346402	MAS LED ExpertColor 3.9-35W GU10 927 25D	4 kWh
929001347002	MAS LED ExpertColor 5.5-50W GU10 927 25D	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
929001347302	MAS LED ExpertColor 5.5-50W GU10 927 36D	6 kWh
929001347402	MAS LED ExpertColor 5.5-50W GU10 930 36D	6 kWh
929001347502	MAS LED ExpertColor 5.5-50W GU10 940 36D	6 kWh

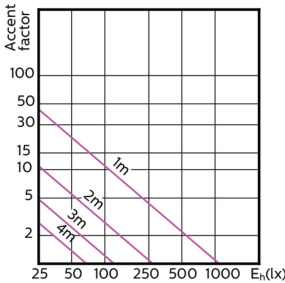




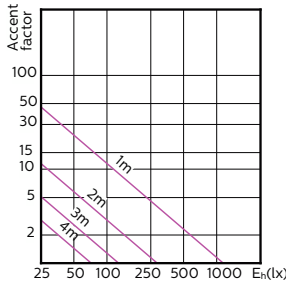
Accent Diagrams



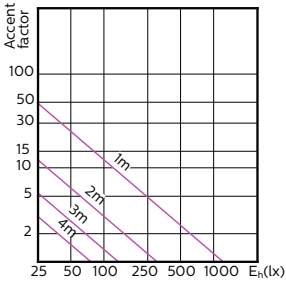
Accent Diagram - MAS LED ExpertColor
3.9-35W GU10 927 25D



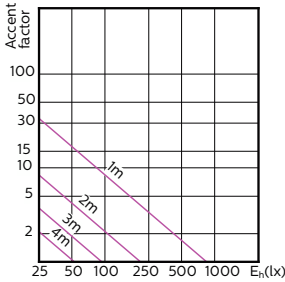
Accent Diagram - MAS LED ExpertColor
5.5-50W GU10 927 25D



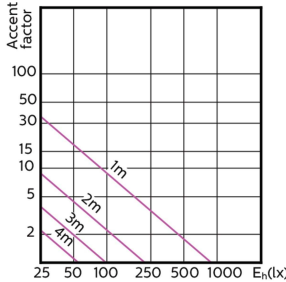
Accent Diagram - MAS LED ExpertColor
5.5-50W GU10 930 25D



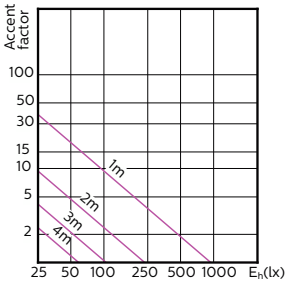
Accent Diagram - MAS LED ExpertColor
5.5-50W GU10 940 25D



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

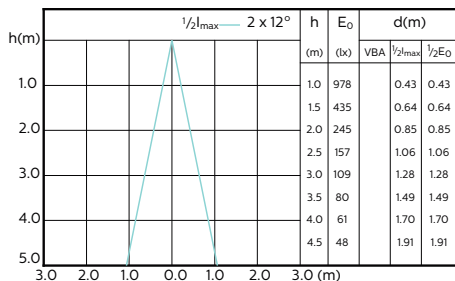


Accent Diagram - MAS LED ExpertColor
5.5-50W GU10 930 36D

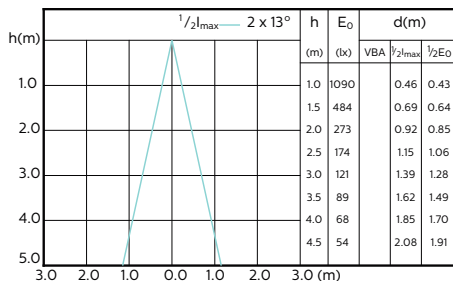


Accent Diagram - MAS LED ExpertColor
5.5-50W GU10 940 36D

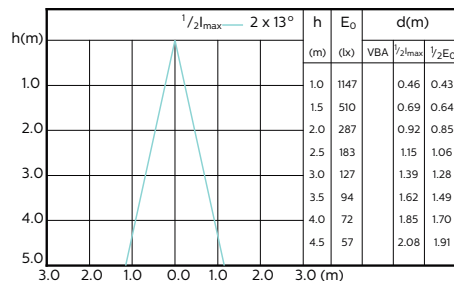
Beam Diagrams



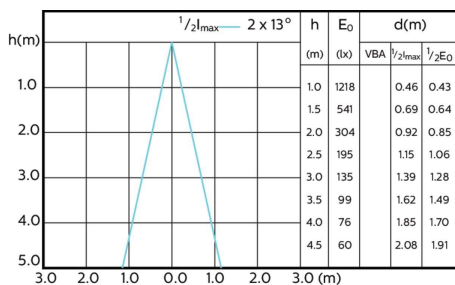
Beam diagram - MAS LED ExpertColor 3.9-35W
GU10 927 25D



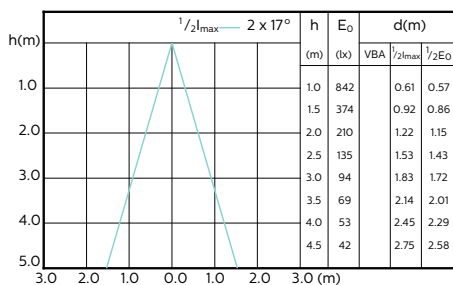
Beam diagram - MAS LED ExpertColor 5.5-50W
GU10 927 25D



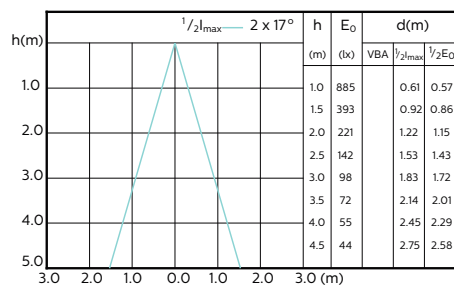
Beam diagram - MAS LED ExpertColor 5.5-50W
GU10 930 25D



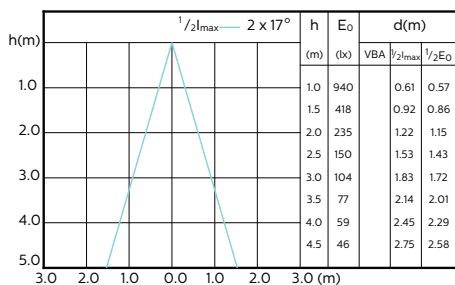
Beam diagram - MAS LED ExpertColor 5.5-50W
GU10 940 25D



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

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