



# 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

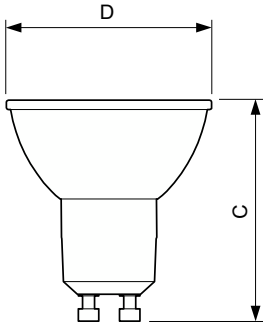
- Customized color spectrum replicates halogen light color
- Best-in-class color realization CRI97, R9>85
- Retrofittable with main-voltage GU10 halogen lamps
- Deep and smooth dimming with broad transformer compatibility

### Application

- Hospitality
- Retail
- Residential

# MASTER LED spot ExpertColor MV

## Dimensional drawing



Product	D	C
MAS LED ExpertColor 5.5-50W GU10 927 24D	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 36D	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
Power Consumption	5.5 W
Starting Time (Nom)	0.5 s
Wattage Equivalent	50 W

### Temperature

T-Case Maximum (Nom)	80 °C
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### Controls and Dimming

Dimmable	Yes
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### Mechanical and Housing

Bulb Shape	PAR16
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### Approval and Application

Ambient temperature range	-20 °C to 45 °C
Energy Consumption kWh/1000 h	6 kWh

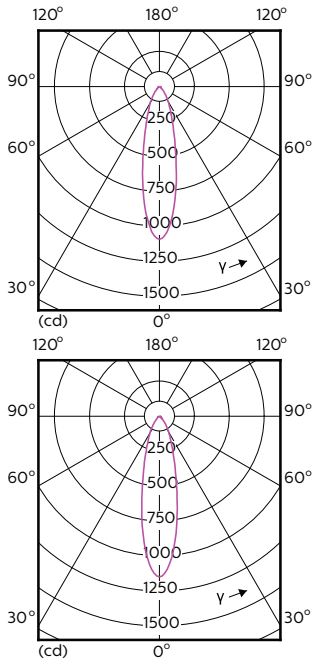
## Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color Code	Luminous Flux
929001347008	MAS LED ExpertColor 5.5-50W GU10 927 24D	24 degree(s)	2700 K	927	385 lm
929001347108	MAS LED ExpertColor 5.5-50W GU10 930 24D	24 degree(s)	3000 K	930	405 lm
929001347308	MAS LED ExpertColor 5.5-50W GU10 927 36D	36 degree(s)	2700 K	927	385 lm
929001347408	MAS LED ExpertColor 5.5-50W GU10 930 36D	36 degree(s)	3000 K	930	405 lm

## Light Technical (2/2)

Order Code	Full Product Name	Luminous Intensity (Nom)
929001347008	MAS LED ExpertColor 5.5-50W GU10 927 24D	1,000 cd
929001347108	MAS LED ExpertColor 5.5-50W GU10 930 24D	1,000 cd
929001347308	MAS LED ExpertColor 5.5-50W GU10 927 36D	800 cd
929001347408	MAS LED ExpertColor 5.5-50W GU10 930 36D	800 cd

# MASTER LED spot ExpertColor MV



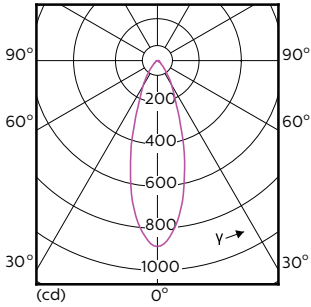
120°

90°

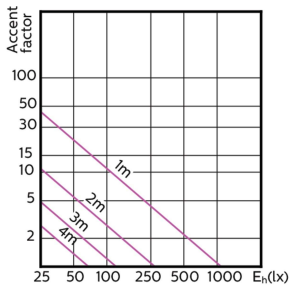
60°



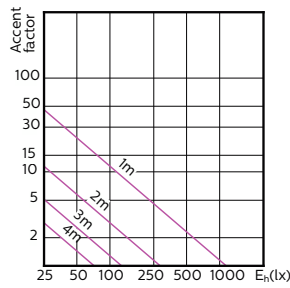
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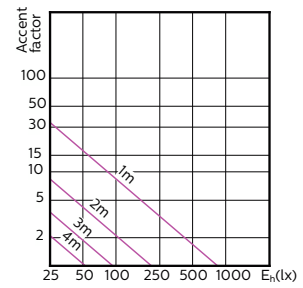
## Accent Diagrams



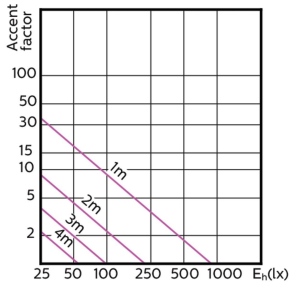
Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 927 24D



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

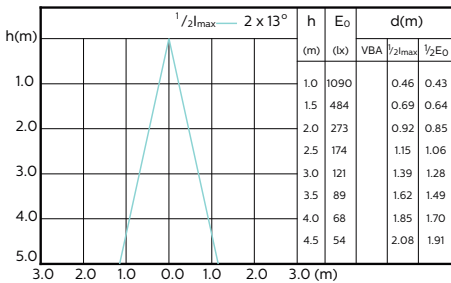


Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 927 36D

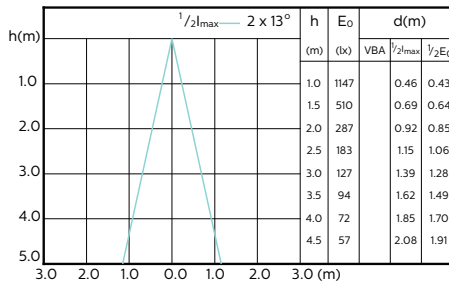


Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 930 36D

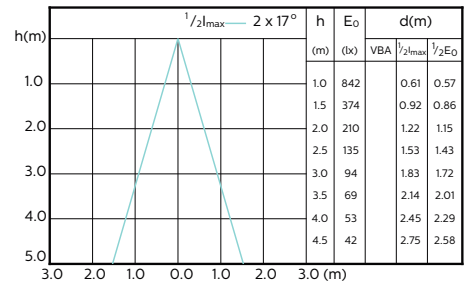
## Beam Diagrams



Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 927 24D



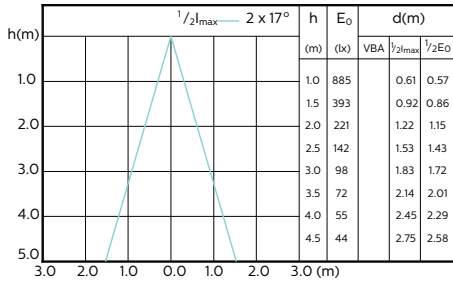
Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 930 24D



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

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## Beam Diagrams



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

