PHILIPS Lighting



For top performance and sustainability

MASTER LEDspot 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

- \cdot 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

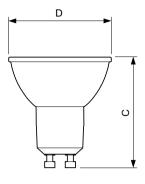
Features

- 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

- \cdot Hospitality
- Retail
- Residential

Dimensional drawing



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	70 %
(Nom)	
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
Mechanical and Housing	
Bulb Shape	PAR16
Approval and Application	
Energy Consumption kWh/1000 h	6 kWh

Product	D	с
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 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
MAS LED ExpertColor 5.5-50W GU10 940 25D	50 mm	54 mm

Light Technical (1/2)

		Beam Angle	Correlated Color	Color	
Order Code	Full Product Name	(Nom)	Temperature (Nom)	Code	Luminous Flux
75586000	MASTER LED ExpertColor	24 degree(s)	2700 K	927	385 lm
	5.5-50W GU10 927 24D				
75588400	MASTER LED ExpertColor	24 degree(s)	3000 K	930	405 lm
	5.5-50W GU10 930 24D				
70765400	MASTER LED ExpertColor	25 degree(s)	4000 K	940	400 lm
	5.5-50W GU10 940 25D				
70767800	MASTER LED ExpertColor	36 degree(s)	2700 K	927	355 lm
	5.5-50W GU10 927 36D				
70733300	MASTER LED ExpertColor	36 degree(s)	2700 K	927	385 lm
	5.5-50W GU10 927 36D				
75590700	MASTER LED ExpertColor	36 degree(s)	3000 K	930	405 lm
	5.5-50W GU10 930 36D				

Light Technical (2/2)

		Luminous Intensity
Order Code	Full Product Name	(Nom)
75586000	MASTER LED ExpertColor 5.5-50W GU10 927 24D	1,000 cd
75588400	MASTER LED ExpertColor 5.5-50W GU10 930 24D	1,000 cd
70765400	MASTER LED ExpertColor 5.5-50W GU10 940 25D	1,050 cd

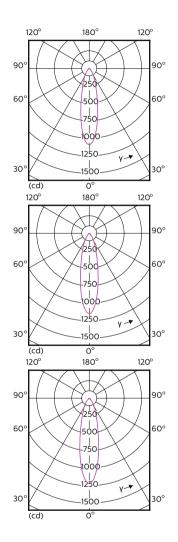
		Luminous Intensity
Order Code	Full Product Name	(Nom)
70767800	MASTER LED ExpertColor 5.5-50W GU10 927 36D	800 cd
70733300	MASTER LED ExpertColor 5.5-50W GU10 927 36D	800 cd
75590700	MASTER LED ExpertColor 5.5-50W GU10 930 36D	800 cd

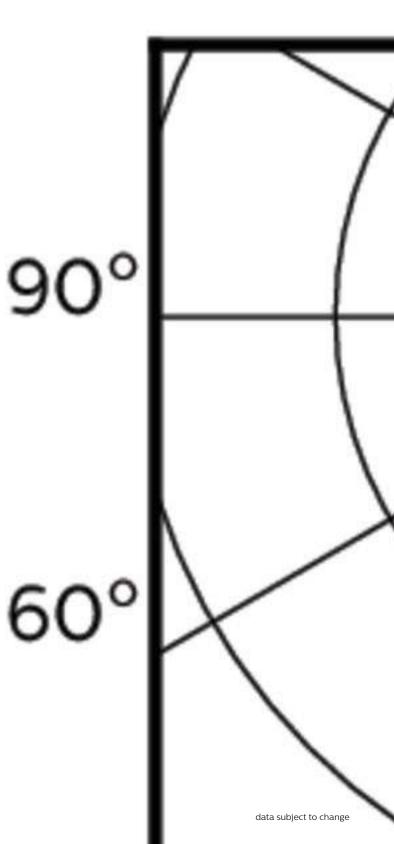
Controls and Dimming

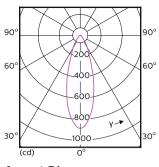
Order Code	Full Product Name	Dimmable
75586000	MASTER LED ExpertColor 5.5-50W GU10 927 24D	Yes

Order Code	Full Product Name	Dimmable
75588400	MASTER LED ExpertColor 5.5-50W GU10 930 24D	Yes

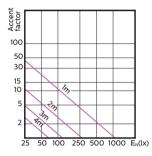
Order Code	Full Product Name	Dimmable
70765400	MASTER LED ExpertColor 5.5-50W GU10 940 25D	Only with specific
		dimmers
70767800	MASTER LED ExpertColor 5.5-50W GU10 927 36D	Only with specific
		dimmers
70733300	MASTER LED ExpertColor 5.5-50W GU10 927 36D	Yes
75590700	MASTER LED ExpertColor 5.5-50W GU10 930 36D	Yes



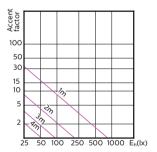




Accent Diagrams

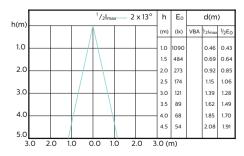


Accent Diagram - MAS LED ExpertColor 5.5-50W GU10 927 24D

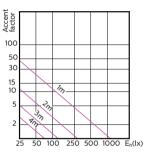


Accent Diagram - MAS LED ExpertColor 5.5-50W GU10 927 36D

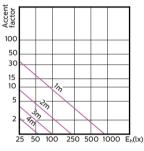
Beam Diagrams



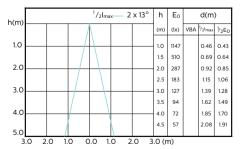
Beam diagram - MAS LED ExpertColor 5.5-50W GU10 927 24D



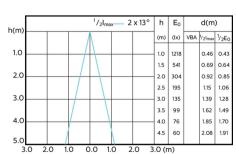
Accent Diagram - MAS LED ExpertColor 5.5-50W GU10 930 24D



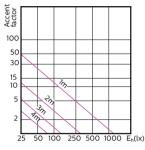
Accent Diagram - MAS LED ExpertColor 5.5-50W GU10 930 36D





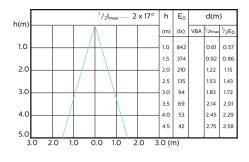


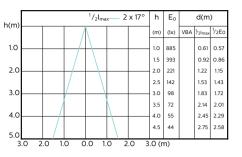
Beam diagram - MAS LED ExpertColor 5.5-50W GU10 940 25D



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

Beam Diagrams





Beam diagram - MAS LED ExpertColor 5.5-50W GU10 927 36D Beam diagram - MAS LED ExpertColor 5.5-50W GU10 930 36D



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