



Create a warm, welcoming ambience with superior-quality lighting

MASTER LEDspot ExpertColor LV

MASTER LEDspot LV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates such an ambience with superior lighting that has a customised spectrum, high CRI and deep dimming feature. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will 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 MV and LEDspot Par lamps.

Benefits

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

Features

- Customised colour spectrum replicates halogen light colour
- Trimless design with beautiful V-groove lens
- Best-in-class colour realisation CRI97, R9>85
- Deep and smooth dimming with broad transformer compatibility
- Retrofit with low-voltage MR16 halogen lamps with GU5.3 socket

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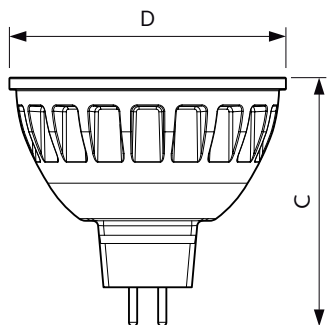
Application

- Hospitality: hotel guest room, corridors, lobby, reception area, restaurants, bars, cafes
- Home: living room, bedrooms, hallway
- Retail: exhibitions, display cabinets, shops, dressing rooms

Versions



Dimensional drawing



Product	D	C
MASTER LED MR16 ExpertColor 7.2-50W 930 24D	51 mm	46 mm
MASTER LED MR16 ExpertColor 7.2-50W 927 36D	51 mm	46 mm
MASTER LED MR16 ExpertColor 7.2-50W 930 36D	51 mm	46 mm
MASTER LED MR16 ExpertColor 8-50W 940 36D	51 mm	46 mm
MASTER LED MR16 ExpertColor 8-50W 927 36D	51 mm	46 mm

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Approval and Application

Energy Consumption kWh/1000 h	- kWh
Energy Efficiency Label (EEL)	Not applicable

Controls and Dimming

Dimmable	Yes
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Operating and Electrical

Input Frequency	- Hz
Voltage (Nom)	12 V
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s

General Information

Cap-Base	GU5.3
Nominal Lifetime (Nom)	40000 h
Switching Cycle	50,000X

Light Technical

Colour Rendering Index (Nom)	97
Llmf At End Of Nominal Lifetime (Nom)	70 %

Mechanical and Housing

Bulb Shape	MR16
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Temperature

T-Case Maximum (Nom)	92 °C
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Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
929001242308	MASTER LED MR16 ExpertColor 7.2-50W 930 24D	7.2 W
929001242508	MASTER LED MR16 ExpertColor 7.2-50W 927 36D	7.2 W
929001242568	MASTER LED MR16 ExpertColor 8-50W 927 36D	8 W
929001242608	MASTER LED MR16 ExpertColor 7.2-50W 930 36D	7.2 W
929001242768	MASTER LED MR16 ExpertColor 8-50W 940 36D	8 W

Light Technical (1/2)

Order Code	Full Product Name	Beam		Correlated Colour		Luminous Flux (Nom)
		Angle (Nom)	Colour Code	Temperature (Nom)		
929001242308	MASTER LED MR16 ExpertColor 7.2-50W 930 24D	24 °	930	3000 K		480 lm
929001242508	MASTER LED MR16 ExpertColor 7.2-50W 927 36D	36 °	927	2700 K		450 lm
929001242568	MASTER LED MR16 ExpertColor 8-50W 927 36D	36 °	927	2700 K		450 lm

Order Code	Full Product Name	Beam		Correlated Colour		Luminous Flux (Nom)
		Angle (Nom)	Colour Code	Temperature (Nom)		
929001242608	MASTER LED MR16 ExpertColor 7.2-50W 930 36D	36 °	930	3000 K		480 lm
929001242768	MASTER LED MR16 ExpertColor 8-50W 940 36D	36 °	940	4000 K		480 lm

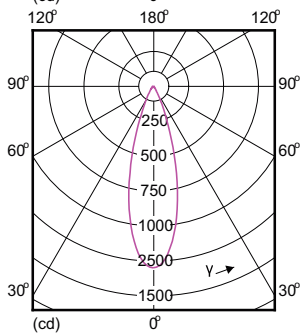
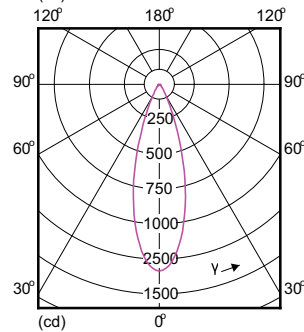
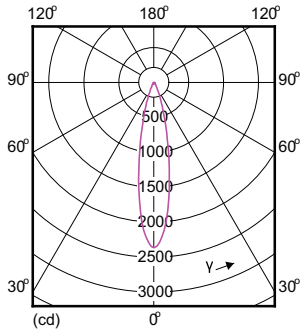
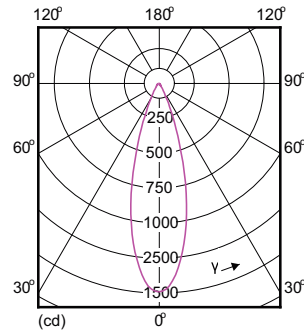
Light Technical (2/2)

Order Code	Full Product Name	Luminous Intensity (Nom)
929001242308	MASTER LED MR16 ExpertColor 7.2-50W 930 24D	2400 cd

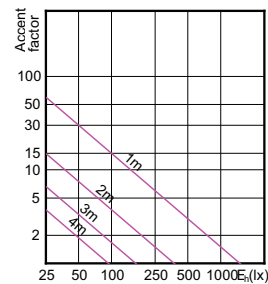
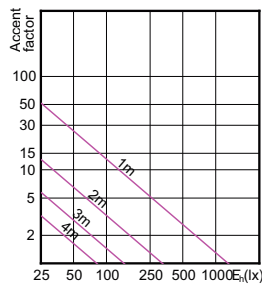
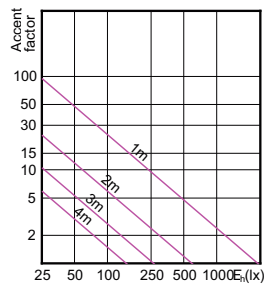
Order Code	Full Product Name	Luminous Intensity (Nom)
929001242508	MASTER LED MR16 ExpertColor 7.2-50W 927 36D	1350 cd

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Order Code	Full Product Name	Luminous Intensity (Nom)
929001242568	MASTER LED MR16 ExpertColor 8-50W 927 36D	1350 cd
929001242608	MASTER LED MR16 ExpertColor 7.2-50W 930 36D	1450 cd
929001242768	MASTER LED MR16 ExpertColor 8-50W 940 36D	1450 cd



Accent Diagrams



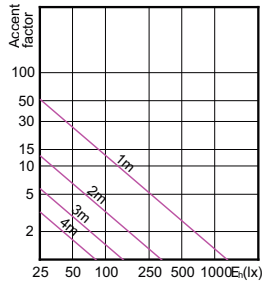
MAS LED ExpertColor 7.2-50W MR16 GU5.3 930
24D

MAS LED ExpertColor 7.2-50W MR16 GU5.3 927
36D

MAS LED ExpertColor 7.2-50W MR16 GU5.3 930
36D

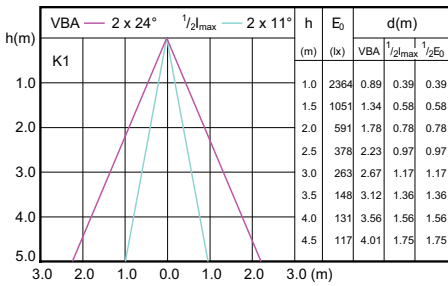
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Accent Diagrams

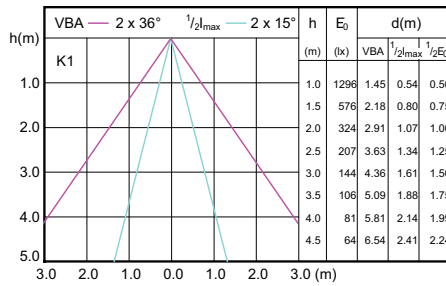


MAS LED ExpertColor 7.2-50W MR16 GU5.3
940 36D

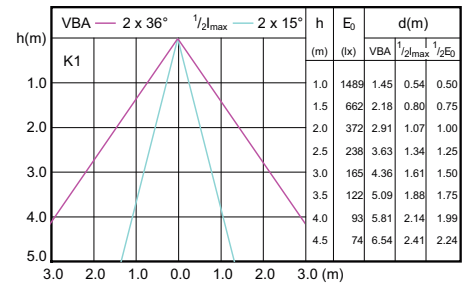
Beam Diagrams



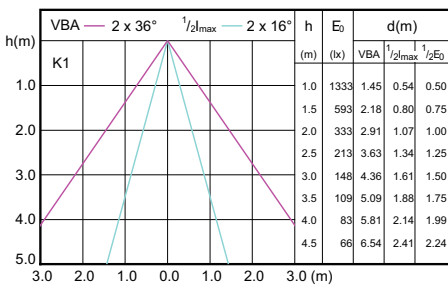
MAS LED ExpertColor 7.2-50W MR16 GU5.3 930
24D



MAS LED ExpertColor 7.2-50W MR16 GU5.3 927
36D



MAS LED ExpertColor 7.2-50W MR16 GU5.3 930
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MAS LED ExpertColor 7.2-50W MR16 GU5.3
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