



Create a warm, welcoming ambience with superior-quality lighting

MASTER LEDspot ExpertColor AR111

The MASTER LEDspot LV 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 and LEDspot Par lamps.

Benefits

- Create warm and comfortable ambience
- 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
- Trimless design with beautiful V-groove lens
- Best-in-class colour realisation CRI97, R9<gt;/>85
- Deep and smooth dimming with broad transformer compatibility
- Retrofittable with G53 luminaires

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Application

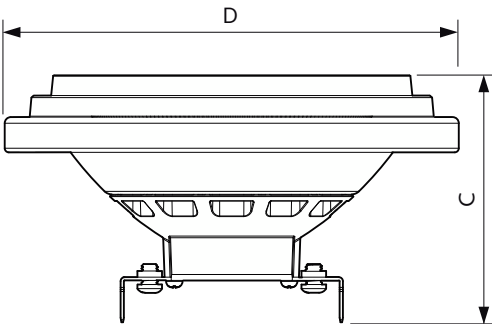
- Hospitality: hotel guest rooms, corridors, lobbies, reception areas, restaurants, bars, cafes
- Home: living room, bedrooms, hallway
- Retail: exhibitions, display cabinets, shops, dressing rooms

Versions



LEDspots MAS SLR AR111 G53

Dimensional drawing



Product	D	C
MAS ExpertColor 10.8-50W 927 AR111 24D	111 mm	61 mm
MAS ExpertColor 10.8-50W 927 AR111 40D	111 mm	61 mm
MAS ExpertColor 10.8-50W 927 AR111 9D	111 mm	61 mm
MAS ExpertColor 10.8-50W 930 AR111 24D	111 mm	61 mm
MAS ExpertColor 14.8-75W 927 AR111 24D	111 mm	61 mm
MAS ExpertColor 14.8-75W 927 AR111 45D	111 mm	61 mm
MAS ExpertColor 14.8-75W 930 AR111 24D	111 mm	61 mm
MAS ExpertColor 14.8-75W 930 AR111 45D	111 mm	61 mm
MAS ExpertColor 14.8-75W 940 AR111 45D	111 mm	61 mm

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General Information	
Cap base	G53
Switching Cycle	50,000
Nominal lifetime	40,000 h
Light Technical	
Colour rendering index (CRI)	95
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
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	AR111

Light Technical (1/2)

		Beam angle (nom.)	Correlated Colour		
Order Code	Full Product Name		Temperature (Nom)	Colour Code	Luminous Flux
929003042602	MAS ExpertColor 14.8-75W 927 AR111 24D	24 degree(s)	2700 K	927	875 lm
929003042702	MAS ExpertColor 14.8-75W 927 AR111 45D	45 degree(s)	2700 K	927	875 lm
929003042802	MAS ExpertColor 14.8-75W 930 AR111 24D	24 degree(s)	3000 K	930	875 lm
929003042902	MAS ExpertColor 14.8-75W 930 AR111 45D	45 degree(s)	3000 K	930	875 lm
929003043102	MAS ExpertColor 14.8-75W 940 AR111 45D	45 degree(s)	4000 K	940	950 lm
929003043302	MAS ExpertColor 10.8-50W 927 AR111 24D	24 degree(s)	2700 K	927	600 lm
929003043402	MAS ExpertColor 10.8-50W 927 AR111 40D	40 degree(s)	2700 K	927	600 lm
929003043602	MAS ExpertColor 10.8-50W 930 AR111 24D	24 degree(s)	3000 K	930	620 lm
929003043202	MAS ExpertColor 10.8-50W 927 AR111 9D	9 degree(s)	2700 K	927	600 lm

Light Technical (2/2)

Order Code	Full Product Name	Luminous intensity (nom.)
929003042602	MAS ExpertColor 14.8-75W 927 AR111 24D	3,000 cd
929003042702	MAS ExpertColor 14.8-75W 927 AR111 45D	1,200 cd
929003042802	MAS ExpertColor 14.8-75W 930 AR111 24D	3,000 cd
929003042902	MAS ExpertColor 14.8-75W 930 AR111 45D	1,300 cd
929003043102	MAS ExpertColor 14.8-75W 940 AR111 45D	1,400 cd

Order Code	Full Product Name	Luminous intensity (nom.)
929003043302	MAS ExpertColor 10.8-50W 927 AR111 24D	3,000 cd
929003043402	MAS ExpertColor 10.8-50W 927 AR111 40D	1,200 cd
929003043602	MAS ExpertColor 10.8-50W 930 AR111 24D	3,200 cd
929003043202	MAS ExpertColor 10.8-50W 927 AR111 9D	8,000 cd

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Wattage equivalent
929003042602	MAS ExpertColor 14.8-75W 927 AR111 24D	14.8 W	75 W
929003042702	MAS ExpertColor 14.8-75W 927 AR111 45D	14.8 W	75 W
929003042802	MAS ExpertColor 14.8-75W 930 AR111 24D	14.8 W	75 W
929003042902	MAS ExpertColor 14.8-75W 930 AR111 45D	14.8 W	75 W
929003043102	MAS ExpertColor 14.8-75W 940 AR111 45D	14.8 W	75 W

Order Code	Full Product Name	Power Consumption	Wattage equivalent
929003043302	MAS ExpertColor 10.8-50W 927 AR111 24D	10.8 W	50 W
929003043402	MAS ExpertColor 10.8-50W 927 AR111 40D	10.8 W	50 W
929003043602	MAS ExpertColor 10.8-50W 930 AR111 24D	10.8 W	50 W
929003043202	MAS ExpertColor 10.8-50W 927 AR111 9D	10.8 W	50 W

Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
929003042602	MAS ExpertColor 14.8-75W 927 AR111 24D	85 °C
929003042702	MAS ExpertColor 14.8-75W 927 AR111 45D	85 °C

Order Code	Full Product Name	T-Case maximum (nom.)
929003042802	MAS ExpertColor 14.8-75W 930 AR111 24D	85 °C
929003042902	MAS ExpertColor 14.8-75W 930 AR111 45D	85 °C

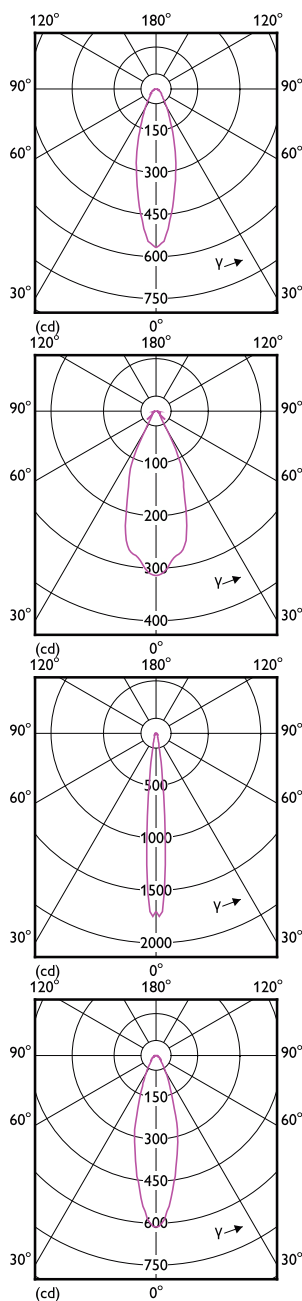
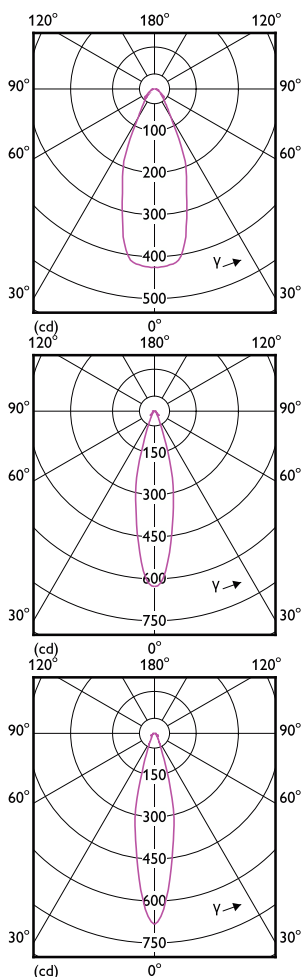
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Order Code	Full Product Name	T-Case maximum (nom.)
929003043102	MAS ExpertColor 14.8–75W 940 AR111 45D	85 °C
929003043302	MAS ExpertColor 10.8–50W 927 AR111 24D	70 °C
929003043402	MAS ExpertColor 10.8–50W 927 AR111 40D	70 °C

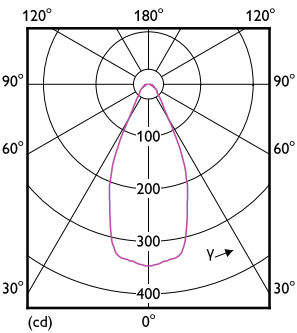
Order Code	Full Product Name	T-Case maximum (nom.)
929003043602	MAS ExpertColor 10.8-50W 930 AR111 24D	70 °C
929003043202	MAS ExpertColor 10.8-50W 927 AR111 9D	70 °C

Approval and Application

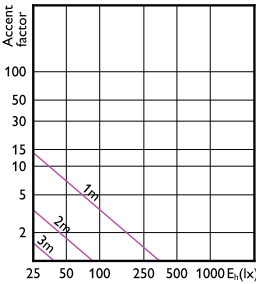
		Energy consumption kWh/ 1,000 hours
929003042602	MAS ExpertColor 14.8-75W 927 AR111 24D	15 kWh
929003042702	MAS ExpertColor 14.8-75W 927 AR111 45D	15 kWh
929003042802	MAS ExpertColor 14.8-75W 930 AR111 24D	15 kWh
929003042902	MAS ExpertColor 14.8-75W 930 AR111 45D	15 kWh
929003043102	MAS ExpertColor 14.8-75W 940 AR111 45D	15 kWh
929003043302	MAS ExpertColor 10.8-50W 927 AR111 24D	11 kWh
929003043402	MAS ExpertColor 10.8-50W 927 AR111 40D	11 kWh
929003043602	MAS ExpertColor 10.8-50W 930 AR111 24D	11 kWh
929003043202	MAS ExpertColor 10.8-50W 927 AR111 9D	11 kWh



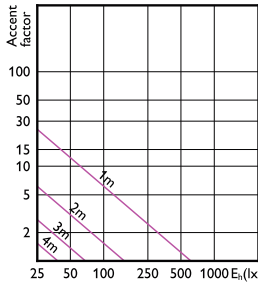
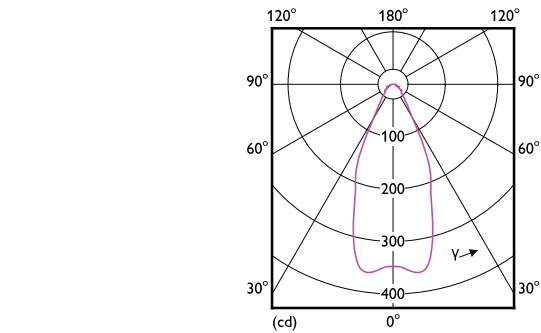
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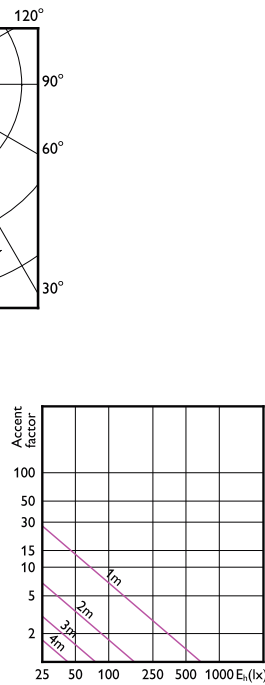
Accent Diagrams



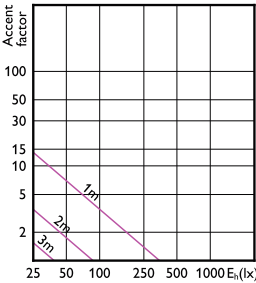
Accent Diagram - MAS ExpertColor 14.8-75W
930 AR111 45D



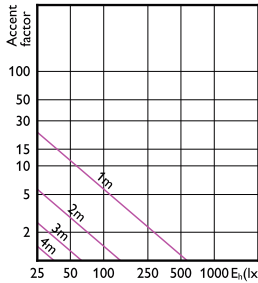
Accent Diagram - MAS ExpertColor 14.8-75W
930 AR111 24D



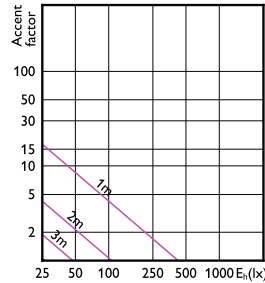
Accent Diagram - MAS ExpertColor 10.8-50W
930 AR111 24D



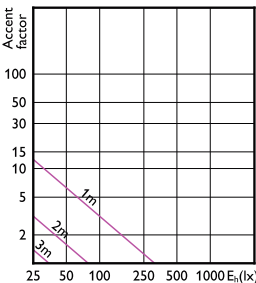
Accent Diagram - MAS ExpertColor 14.8-75W
927 AR111 45D



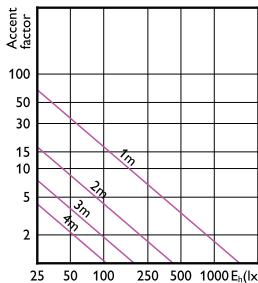
Accent Diagram - MAS ExpertColor 14.8-75W
927 AR111 24D



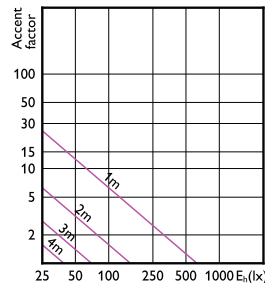
Accent Diagram - MAS ExpertColor 14.8-75W
940 AR111 45D



Accent Diagram - MAS ExpertColor 10.8-50W
927 AR111 40D



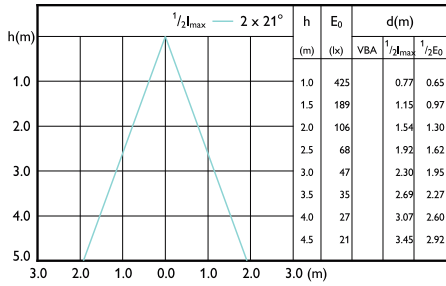
Accent Diagram - MAS ExpertColor 10.8-50W
927 AR111 9D



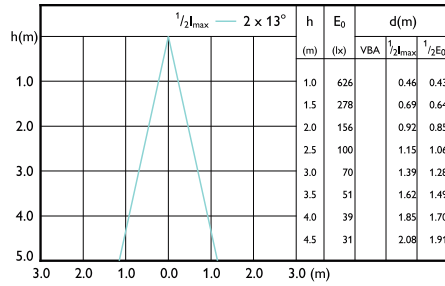
Accent Diagram - MAS ExpertColor 10.8-50W
927 AR111 24D

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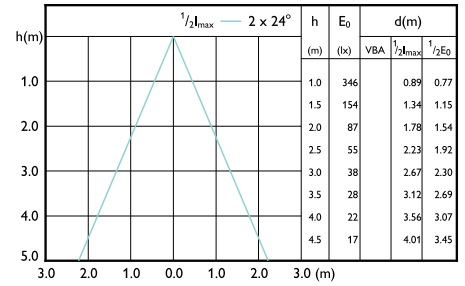
Beam Diagrams



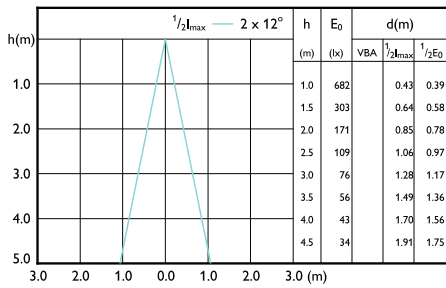
Beam diagram - MAS ExpertColor 14.8-75W
940 AR111 45D



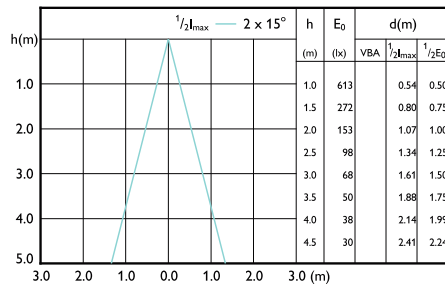
Beam diagram - MAS ExpertColor 10.8-50W
927 AR111 24D



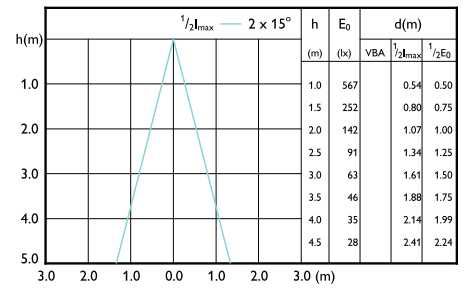
Beam diagram - MAS ExpertColor 14.8-75W
930 AR111 45D



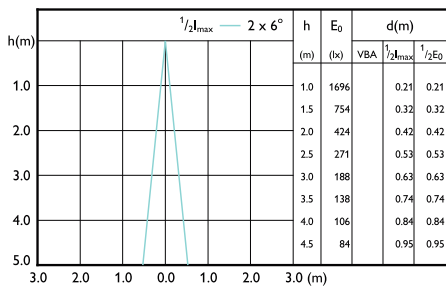
Beam diagram - MAS ExpertColor 10.8-50W
930 AR111 24D



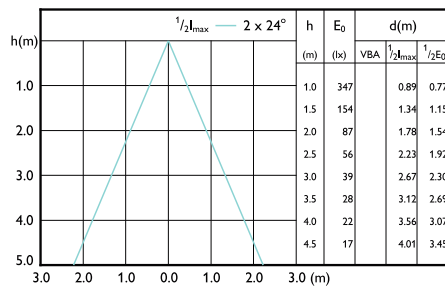
Beam diagram - MAS ExpertColor 14.8-75W
930 AR111 24D



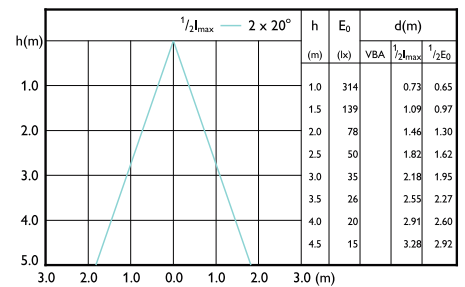
Beam diagram - MAS ExpertColor 14.8-75W 927
AR111 24D



Beam diagram - MAS ExpertColor 10.8-50W
927 AR111 9D



Beam diagram - MAS ExpertColor 14.8-75W 927
AR111 45D



Beam diagram - MAS ExpertColor 10.8-50W
927 AR111 40D

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