



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>85
- Deep and smooth dimming with broad transformer compatibility
- Retrofittable with G53 luminaires

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Application

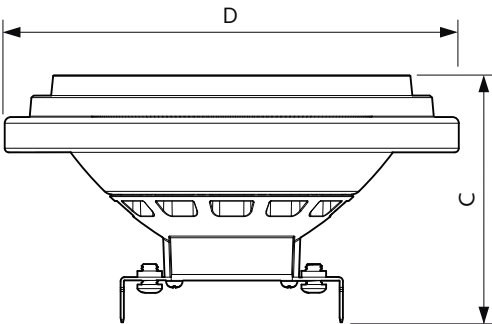
- Hospitality: hotel guest rooms, corridors, lobbies, reception areas, restaurants, bars, cafes
- Home: living room, bedrooms, hallway
- Retail: exhibitions, display cabinets, shops, dressing rooms

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 10.8-50W 930 AR111 40D	111 mm	61 mm
MAS ExpertColor 10.8-50W 930 AR111 9D	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 24D	111 mm	61 mm
MAS ExpertColor 14.8-75W 940 AR111 45D	111 mm	61 mm
MAS LEDEExpertColor 20-100W 927 AR111 24D	111 mm	62 mm
MAS LEDEExpertColor 20-100W 927 AR111 45D	111 mm	62 mm
MAS LEDEExpertColor 20-100W 930 AR111 24D	111 mm	62 mm
MAS LEDEExpertColor 20-100W 930 AR111 45D	111 mm	62 mm
MAS LEDEExpertColor 20-100W 940 AR111 24D	111 mm	62 mm
MAS LEDEExpertColor 20-100W 940 AR111 45D	111 mm	62 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
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Mechanical and Housing

Lamp Finish	Clear
Bulb shape	AR111

Light Technical (1/2)

Order Code	Full Product Name	Beam angle (nom.)	Correlated Colour		
			Temperature (Nom)	Colour Code	Luminous Flux
33379600	MAS ExpertColor 14.8-75W 927 AR111 24D	24 degree(s)	2700 K	927	875 lm
33381900	MAS ExpertColor 14.8-75W 927 AR111 45D	45 degree(s)	2700 K	927	875 lm
33383300	MAS ExpertColor 14.8-75W 930 AR111 24D	24 degree(s)	3000 K	930	875 lm
33385700	MAS ExpertColor 14.8-75W 930 AR111 45D	45 degree(s)	3000 K	930	875 lm
33387100	MAS ExpertColor 14.8-75W 940 AR111 24D	24 degree(s)	4000 K	940	950 lm
33389500	MAS ExpertColor 14.8-75W 940 AR111 45D	45 degree(s)	4000 K	940	950 lm
33393200	MAS ExpertColor 10.8-50W 927 AR111 24D	24 degree(s)	2700 K	927	600 lm
33395600	MAS ExpertColor 10.8-50W 927 AR111 40D	40 degree(s)	2700 K	927	600 lm
33399400	MAS ExpertColor 10.8-50W 930 AR111 24D	24 degree(s)	3000 K	930	620 lm
33401400	MAS ExpertColor 10.8-50W 930 AR111 40D	40 degree(s)	3000 K	930	620 lm
42965900	MAS LEDExpertColor 20-100W 927 AR111 24D	24 degree(s)	2700 K	927	1,270 lm
42969700	MAS LEDExpertColor 20-100W 930 AR111 24D	24 degree(s)	3000 K	930	1,270 lm
42973400	MAS LEDExpertColor 20-100W 940 AR111 24D	24 degree(s)	4000 K	940	1,270 lm
42967300	MAS LEDExpertColor 20-100W 927 AR111 45D	45 degree(s)	2700 K	927	1,270 lm
42971000	MAS LEDExpertColor 20-100W 930 AR111 45D	45 degree(s)	3000 K	930	1,270 lm
42975800	MAS LEDExpertColor 20-100W 940 AR111 45D	45 degree(s)	4000 K	940	1,270 lm
33391800	MAS ExpertColor 10.8-50W 927 AR111 9D	9 degree(s)	2700 K	927	600 lm
33397000	MAS ExpertColor 10.8-50W 930 AR111 9D	9 degree(s)	3000 K	930	620 lm

Light Technical (2/2)

Order Code	Full Product Name	Luminous intensity (nom.)	Order Code	Full Product Name	Luminous intensity (nom.)
33379600	MAS ExpertColor 14.8-75W 927 AR111 24D	3,000 cd	33401400	MAS ExpertColor 10.8-50W 930 AR111 40D	1,200 cd
33381900	MAS ExpertColor 14.8-75W 927 AR111 45D	1,200 cd	42965900	MAS LEDExpertColor 20-100W 927 AR111 24D	4,000 cd
33383300	MAS ExpertColor 14.8-75W 930 AR111 24D	3,000 cd	42969700	MAS LEDExpertColor 20-100W 930 AR111 24D	4,200 cd
33385700	MAS ExpertColor 14.8-75W 930 AR111 45D	1,300 cd	42973400	MAS LEDExpertColor 20-100W 940 AR111 24D	4,400 cd
33387100	MAS ExpertColor 14.8-75W 940 AR111 24D	3,300 cd	42967300	MAS LEDExpertColor 20-100W 927 AR111 45D	2,100 cd
33389500	MAS ExpertColor 14.8-75W 940 AR111 45D	1,400 cd	42971000	MAS LEDExpertColor 20-100W 930 AR111 45D	2,200 cd
33393200	MAS ExpertColor 10.8-50W 927 AR111 24D	3,000 cd	42975800	MAS LEDExpertColor 20-100W 940 AR111 45D	2,300 cd
33395600	MAS ExpertColor 10.8-50W 927 AR111 40D	1,200 cd	33391800	MAS ExpertColor 10.8-50W 927 AR111 9D	8,000 cd
33399400	MAS ExpertColor 10.8-50W 930 AR111 24D	3,200 cd			

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Order Code	Full Product Name	Luminous intensity (nom.)
33379000	MAS ExpertColor 10.8-50W 930 AR111 9D	8,000 cd

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Wattage equivalent
33379600	MAS ExpertColor 14.8-75W 927 AR111 24D	14.8 W	75 W
33381900	MAS ExpertColor 14.8-75W 927 AR111 45D	14.8 W	75 W
33383300	MAS ExpertColor 14.8-75W 930 AR111 24D	14.8 W	75 W
33385700	MAS ExpertColor 14.8-75W 930 AR111 45D	14.8 W	75 W
33387100	MAS ExpertColor 14.8-75W 940 AR111 24D	14.8 W	75 W
33389500	MAS ExpertColor 14.8-75W 940 AR111 45D	14.8 W	75 W
33393200	MAS ExpertColor 10.8-50W 927 AR111 24D	10.8 W	50 W
33395600	MAS ExpertColor 10.8-50W 927 AR111 40D	10.8 W	50 W
33399400	MAS ExpertColor 10.8-50W 930 AR111 24D	10.8 W	50 W

Order Code	Full Product Name	Power Consumption	Wattage equivalent
33401400	MAS ExpertColor 10.8-50W 930 AR111 40D	10.8 W	50 W
42965900	MAS LEDExpertColor 20-100W 927 AR111 24D	20 W	100 W
42969700	MAS LEDExpertColor 20-100W 930 AR111 24D	20 W	100 W
42973400	MAS LEDExpertColor 20-100W 940 AR111 24D	20 W	100 W
42967300	MAS LEDExpertColor 20-100W 927 AR111 45D	20 W	100 W
42971000	MAS LEDExpertColor 20-100W 930 AR111 45D	20 W	100 W
42975800	MAS LEDExpertColor 20-100W 940 AR111 45D	20 W	100 W
33391800	MAS ExpertColor 10.8-50W 927 AR111 9D	10.8 W	50 W
33397000	MAS ExpertColor 10.8-50W 930 AR111 9D	10.8 W	50 W

Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
33379600	MAS ExpertColor 14.8-75W 927 AR111 24D	85 °C
33381900	MAS ExpertColor 14.8-75W 927 AR111 45D	85 °C
33383300	MAS ExpertColor 14.8-75W 930 AR111 24D	85 °C
33385700	MAS ExpertColor 14.8-75W 930 AR111 45D	85 °C
33387100	MAS ExpertColor 14.8-75W 940 AR111 24D	85 °C
33389500	MAS ExpertColor 14.8-75W 940 AR111 45D	85 °C
33393200	MAS ExpertColor 10.8-50W 927 AR111 24D	70 °C
33395600	MAS ExpertColor 10.8-50W 927 AR111 40D	70 °C
33399400	MAS ExpertColor 10.8-50W 930 AR111 24D	70 °C

Order Code	Full Product Name	T-Case maximum (nom.)
33401400	MAS ExpertColor 10.8-50W 930 AR111 40D	70 °C
42965900	MAS LEDExpertColor 20-100W 927 AR111 24D	77 °C
42969700	MAS LEDExpertColor 20-100W 930 AR111 24D	77 °C
42973400	MAS LEDExpertColor 20-100W 940 AR111 24D	77 °C
42967300	MAS LEDExpertColor 20-100W 927 AR111 45D	77 °C
42971000	MAS LEDExpertColor 20-100W 930 AR111 45D	77 °C
42975800	MAS LEDExpertColor 20-100W 940 AR111 45D	77 °C
33391800	MAS ExpertColor 10.8-50W 927 AR111 9D	70 °C
33397000	MAS ExpertColor 10.8-50W 930 AR111 9D	70 °C

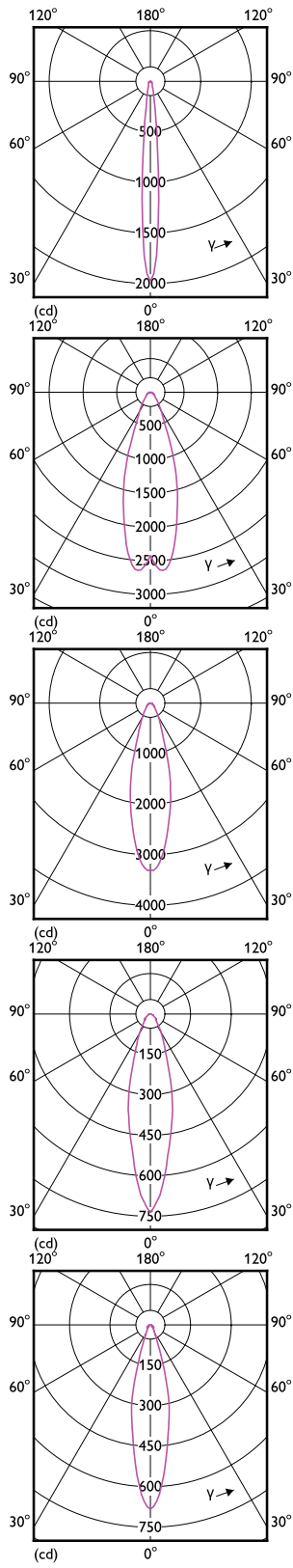
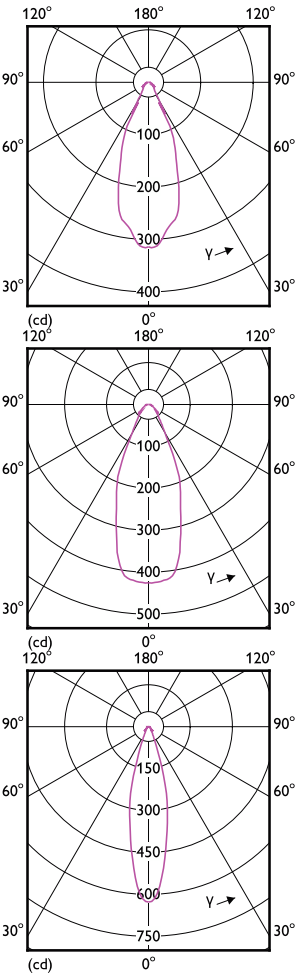
Approval and Application

Order Code	Full Product Name	Ambient temperature range	Energy consumption kWh/1,000 hours
33379600	MAS ExpertColor 14.8-75W 927 AR111 24D	-	15 kWh
33381900	MAS ExpertColor 14.8-75W 927 AR111 45D	-	15 kWh
33383300	MAS ExpertColor 14.8-75W 930 AR111 24D	-	15 kWh
33385700	MAS ExpertColor 14.8-75W 930 AR111 45D	-	15 kWh

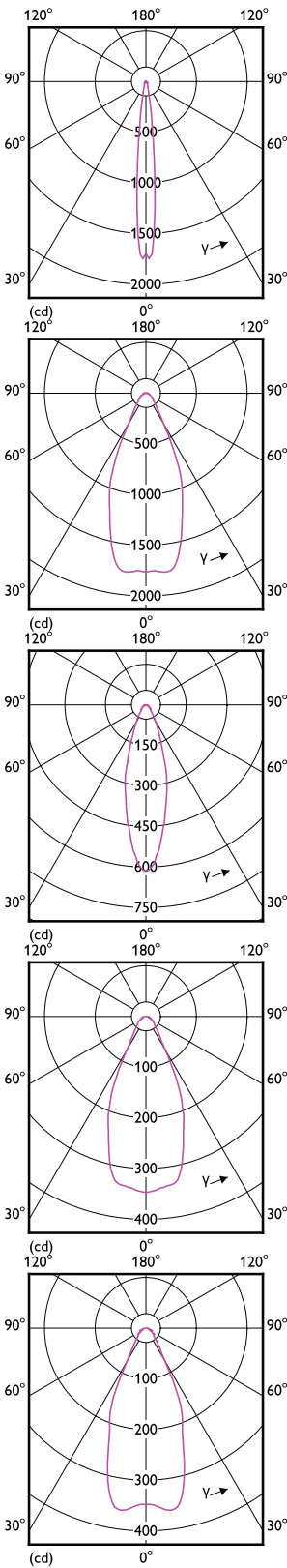
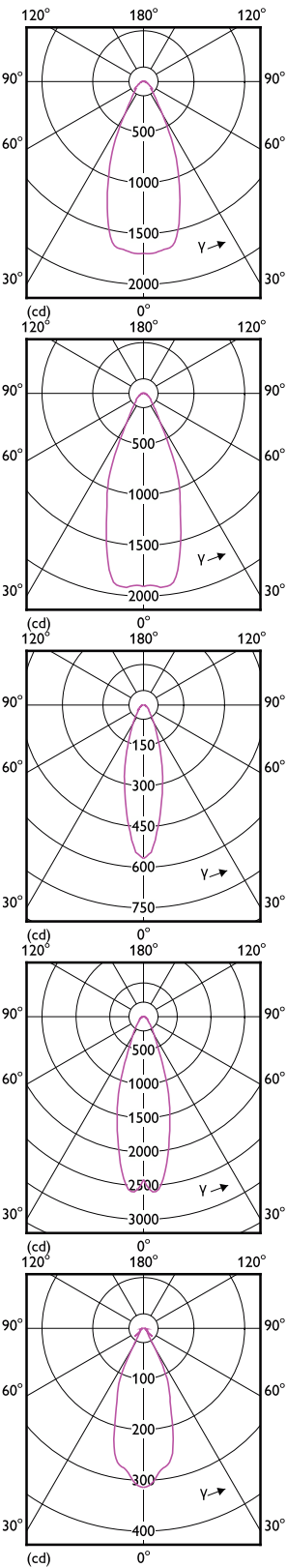
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33389500	MAS ExpertColor 14.8-75W 940 AR111 45D	-	15 kWh
33393200	MAS ExpertColor 10.8-50W 927 AR111 24D	-	11 kWh
33395600	MAS ExpertColor 10.8-50W 927 AR111 40D	-	11 kWh

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Order Code	Full Product Name	Ambient temperature range	Energy consumption kWh/ 1,000 hours
33399400	MAS ExpertColor 10.8-50W 930 AR111 24D	-	11 kWh
33401400	MAS ExpertColor 10.8-50W 930 AR111 40D	-	11 kWh
42965900	MAS LEExpertColor 20-100W 927 AR111 24D	-20°C to 45°C	20 kWh
42969700	MAS LEExpertColor 20-100W 930 AR111 24D	-20°C to 45°C	20 kWh
42973400	MAS LEExpertColor 20-100W 940 AR111 24D	-20°C to 45°C	20 kWh
42967300	MAS LEExpertColor 20-100W 927 AR111 45D	-20°C to 45°C	20 kWh
42971000	MAS LEExpertColor 20-100W 930 AR111 45D	-20°C to 45°C	20 kWh
42975800	MAS LEExpertColor 20-100W 940 AR111 45D	-20°C to 45°C	20 kWh
33391800	MAS ExpertColor 10.8-50W 927 AR111 9D	-	11 kWh
33397000	MAS ExpertColor 10.8-50W 930 AR111 9D	-	11 kWh

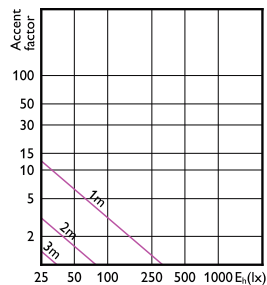


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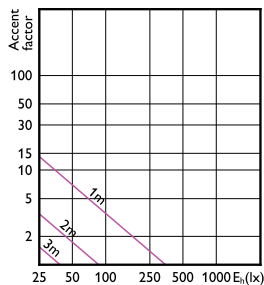


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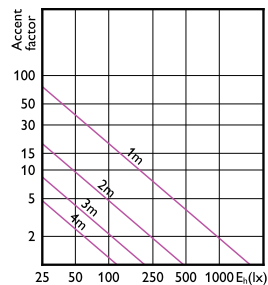
Accent Diagrams



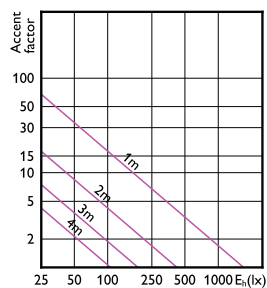
Accent Diagram - MAS ExpertColor 10.8-50W
930 AR111 40D



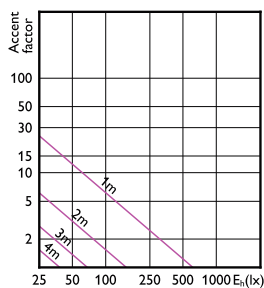
Accent Diagram - MAS ExpertColor 14.8-75W
930 AR111 45D



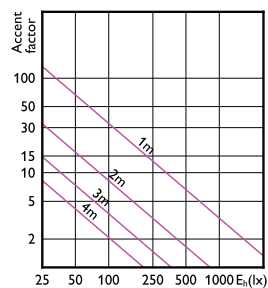
Accent Diagram - MAS LEDExpertColor
20-100W 930 AR111 45D



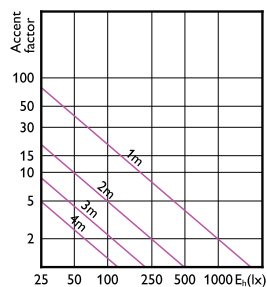
Accent Diagram - MAS LEDExpertColor
20-100W 927 AR111 45D



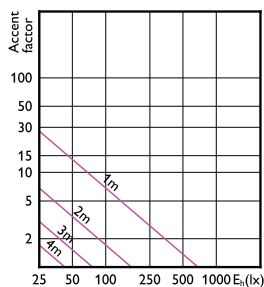
Accent Diagram - MAS ExpertColor 14.8-75W
930 AR111 24D



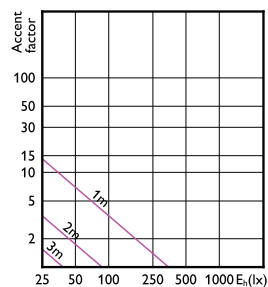
Accent Diagram - MAS LEDExpertColor
20-100W 940 AR111 24D



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



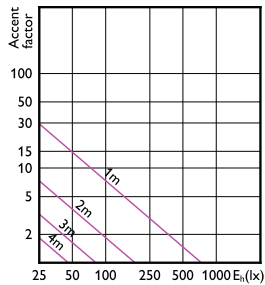
Accent Diagram - MAS ExpertColor 10.8-50W
930 AR111 24D



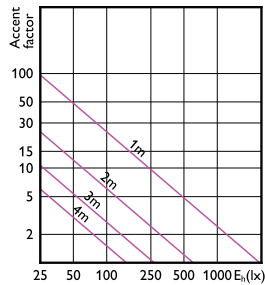
Accent Diagram - MAS ExpertColor 14.8-75W
927 AR111 45D

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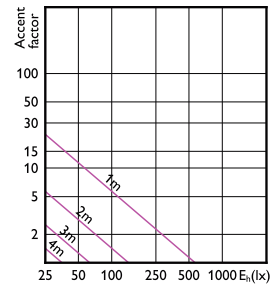
Accent Diagrams



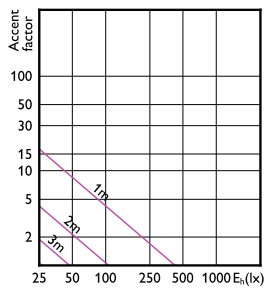
Accent Diagram - MAS ExpertColor 14.8-75W
940 AR111 24D



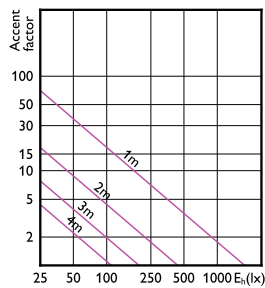
Accent Diagram - MAS LEExpertColor
20-100W 927 AR111 24D



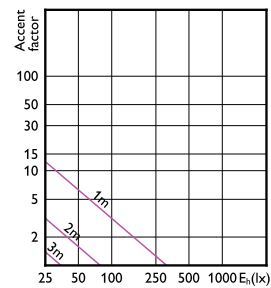
Accent Diagram - MAS ExpertColor 14.8-75W
927 AR111 24D



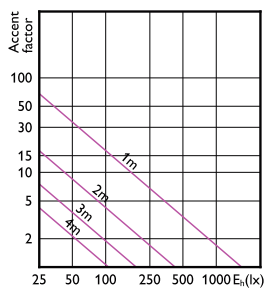
Accent Diagram - MAS ExpertColor 14.8-75W
940 AR111 45D



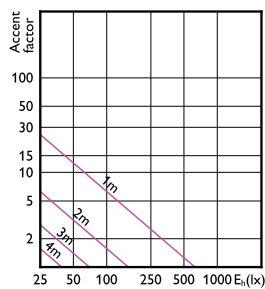
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20-100W 940 AR111 45D



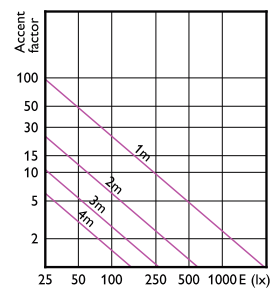
Accent Diagram - MAS ExpertColor 10.8-50W
927 AR111 40D



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



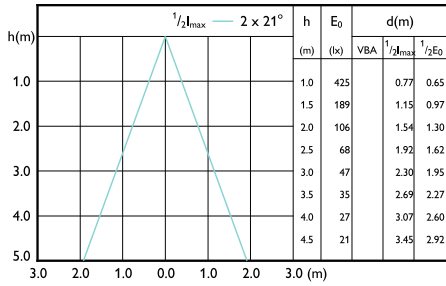
Accent Diagram - MAS ExpertColor 10.8-50W
927 AR111 24D



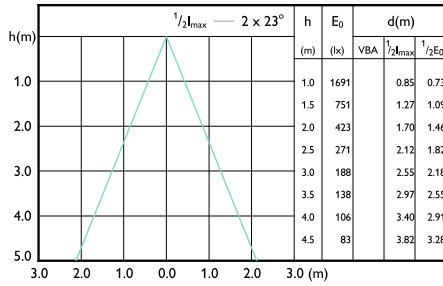
Accent Diagram - MAS LEExpertColor
20-100W 930 AR111 24D

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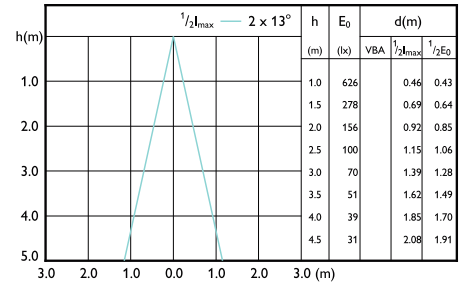
Beam Diagrams



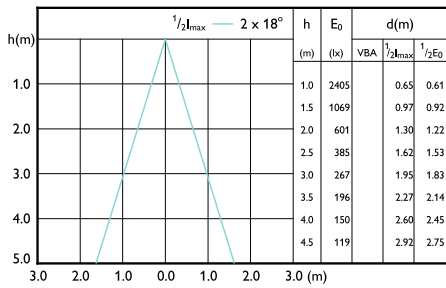
Beam diagram - MAS ExpertColor 14.8-75W
940 AR111 45D



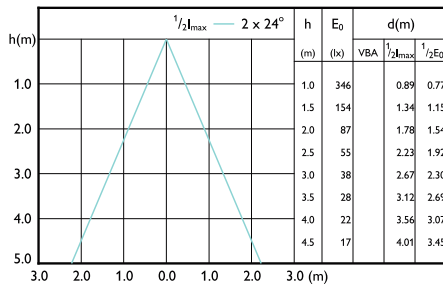
Beam diagram - MAS LEDExpertColor 20-100W
927 AR111 45D



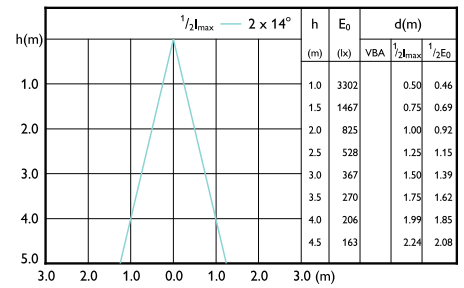
Beam diagram - MAS ExpertColor 10.8-50W
927 AR111 24D



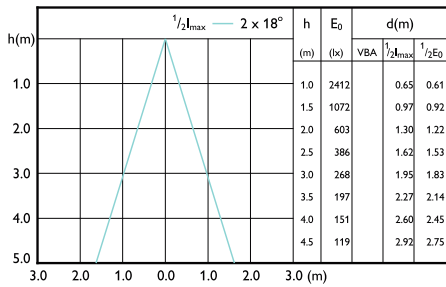
Beam diagram - MAS LEDExpertColor 20-100W
930 AR111 24D



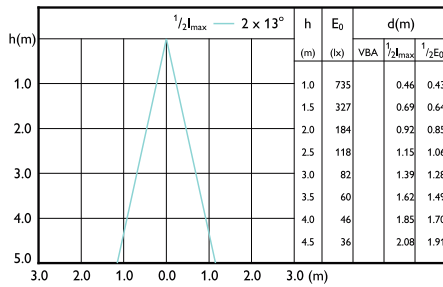
Beam diagram - MAS ExpertColor 14.8-75W
930 AR111 45D



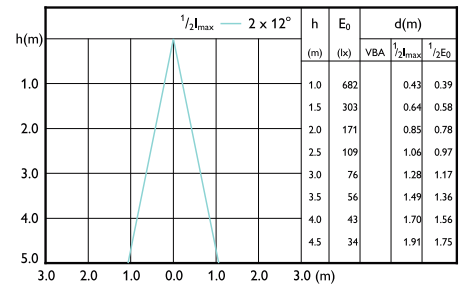
Beam diagram - MAS LEDExpertColor 20-100W
940 AR111 24D



Beam diagram - MAS LEDExpertColor 20-100W
927 AR111 24D



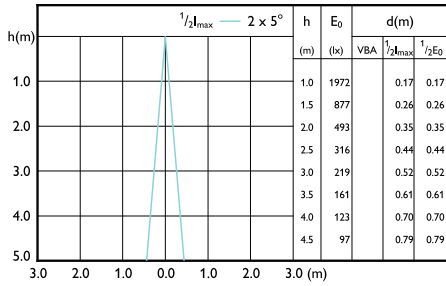
Beam diagram - MAS ExpertColor 14.8-75W
940 AR111 24D



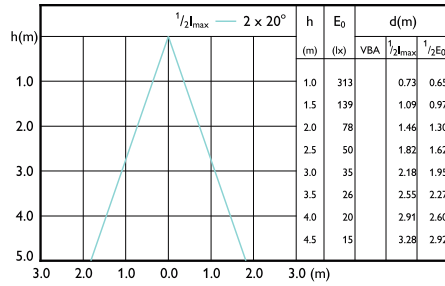
Beam diagram - MAS ExpertColor 10.8-50W
930 AR111 24D

MASTER LEDspot ExpertColor AR111

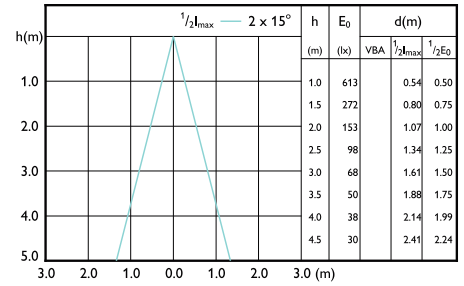
Beam Diagrams



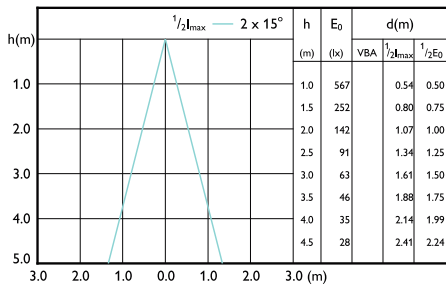
Beam diagram - MAS ExpertColor 10.8-50W
930 AR111 9D



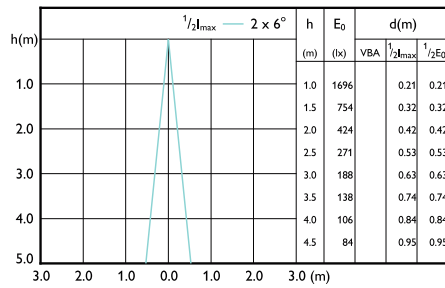
Beam diagram - MAS ExpertColor 10.8-50W
930 AR111 40D



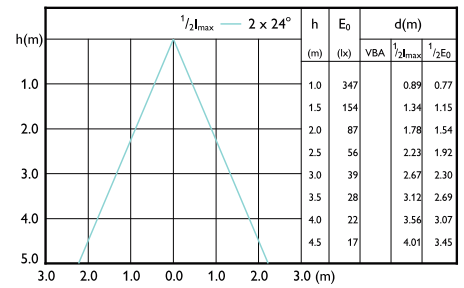
Beam diagram - MAS ExpertColor 14.8-75W
930 AR111 24D



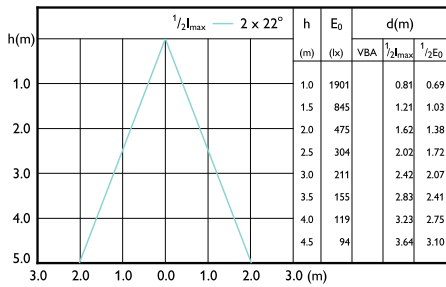
Beam diagram - MAS ExpertColor 14.8-75W 927
AR111 24D



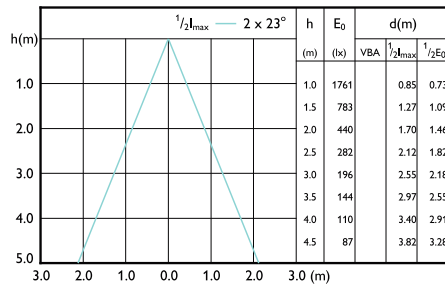
Beam diagram - MAS ExpertColor 10.8-50W
927 AR111 9D



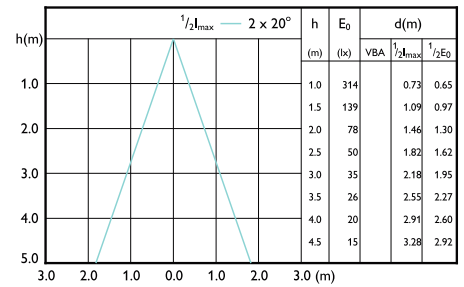
Beam diagram - MAS ExpertColor 14.8-75W 927
AR111 45D



Beam diagram - MAS LEDExpertColor 20-100W
930 AR111 45D



Beam diagram - MAS LEDExpertColor 20-100W
940 AR111 45D



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

MASTER LEDspot ExpertColor AR111

