



Cree un ambiente cálido y acogedor con iluminación de calidad superior

MASTER LEDspot ExpertColor AR111

MASTER LEDspot LV ExpertColor crea un ambiente cálido y confortable para establecimientos de hostelería, hogares y restaurantes. Este ambiente se crea con iluminación superior con un espectro personalizado, alto ICR y función de regulación profunda. ¿El resultado? Una hermosa experiencia de iluminación. Además, el diseño innovador de la lente, sin embellecedor, se adapta a casi cualquier decoración interior con su aspecto limpio y elegante. También permite aprovechar al máximo la familia ExpertColor completa, que incluye, además, lámparas LEDspot MV y LEDspot Par.

Beneficios

- Cree un ambiente cálido y confortable
- Solución de recambio sin complicaciones para mejorar la eficiencia energética y la sostenibilidad
- La decoración interior, los muebles y los tejidos presentan un aspecto excelente

Características

- Reproduce el color de la luz halógena
- Diseño sin embellecedor con lente en ranura en V
- La mejor reproducción de color de su clase, IRC97, R9 $\geq$ 85
- Regulación intensa y suave con una amplia compatibilidad con transformadores
- Intercambiable con luminarias G53

MASTER LEDspot ExpertColor AR111

Aplicaciones

- Hostelería: habitaciones de hotel, pasillos, vestíbulo, zona de recepción, restaurantes, bares, cafés
- Hogar: salones, dormitorios, pasillos
- Comercio minorista: exposiciones, expositores, tiendas, probadores

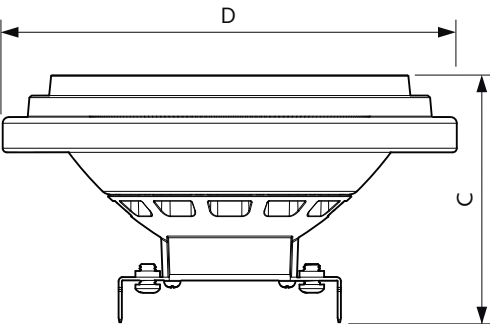
Versions



LEDclassic 5-50W MR16 830 60D

LEDspots MAS SLR AR111 G53

Plano de dimensiones



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 LEDExpertColor 20-100W 927 AR111 24D	111 mm	62 mm
MAS LEDExpertColor 20-100W 927 AR111 45D	111 mm	62 mm
MAS LEDExpertColor 20-100W 930 AR111 24D	111 mm	62 mm
MAS LEDExpertColor 20-100W 930 AR111 45D	111 mm	62 mm
MAS LEDExpertColor 20-100W 940 AR111 24D	111 mm	62 mm
MAS LEDExpertColor 20-100W 940 AR111 45D	111 mm	62 mm

MASTER LEDspot ExpertColor AR111

Información general	
Base del casquillo	G53
Ciclo de encendido/apagado	50.000
Vida útil nominal	40.000 hora(s)
Datos técnicos de la luz	
Índice de reproducción cromática (IRC)	95
LLMF al fin de vida útil nominal (nom.)	70 %
Operativos y eléctricos	
Frecuencia de entrada	50 a 60 Hz
Line Frequency	50 to 60 Hz
Hora de inicio (nom.)	0,5 s
Controles y regulación	
Regulable	Solo con reguladores específicos
Mecánicos y de carcasa	
Acabado de la bombilla	Transparente
Forma de la bombilla	AR111

Datos técnicos de la luz (1/2)

Order Code	Full Product Name	Ángulo de haz (nom.)	Temperatura de color correlacionada (nom.)	Código de color	Flujo luminoso
33379600	MAS ExpertColor 14.8-75W 927 AR111 24D	24 °	2700 K	927	875 lm
33381900	MAS ExpertColor 14.8-75W 927 AR111 45D	45 °	2700 K	927	875 lm
33383300	MAS ExpertColor 14.8-75W 930 AR111 24D	24 °	3000 K	930	875 lm
33385700	MAS ExpertColor 14.8-75W 930 AR111 45D	45 °	3000 K	930	875 lm
33387100	MAS ExpertColor 14.8-75W 940 AR111 24D	24 °	4000 K	940	950 lm
33389500	MAS ExpertColor 14.8-75W 940 AR111 45D	45 °	4000 K	940	950 lm
33393200	MAS ExpertColor 10.8-50W 927 AR111 24D	24 °	2700 K	927	600 lm
33395600	MAS ExpertColor 10.8-50W 927 AR111 40D	40 °	2700 K	927	600 lm
33399400	MAS ExpertColor 10.8-50W 930 AR111 24D	24 °	3000 K	930	620 lm
33401400	MAS ExpertColor 10.8-50W 930 AR111 40D	40 °	3000 K	930	620 lm
42965900	MAS LEDExpertColor 20-100W 927 AR111 24D	24 °	2700 K	927	1.270 lm
42969700	MAS LEDExpertColor 20-100W 930 AR111 24D	24 °	3000 K	930	1.270 lm
42973400	MAS LEDExpertColor 20-100W 940 AR111 24D	24 °	4000 K	940	1.270 lm
42967300	MAS LEDExpertColor 20-100W 927 AR111 45D	45 °	2700 K	927	1.270 lm
42971000	MAS LEDExpertColor 20-100W 930 AR111 45D	45 °	3000 K	930	1.270 lm
42975800	MAS LEDExpertColor 20-100W 940 AR111 45D	45 °	4000 K	940	1.270 lm
33391800	MAS ExpertColor 10.8-50W 927 AR111 9D	9 °	2700 K	927	600 lm
33397000	MAS ExpertColor 10.8-50W 930 AR111 9D	9 °	3000 K	930	620 lm

Datos técnicos de la luz (2/2)

Order Code	Full Product Name	Intensidad luminosa (nom.)	Order Code	Full Product Name	Intensidad luminosa (nom.)
33379600	MAS ExpertColor 14.8-75W 927 AR111 24D	3.000 cd	33395600	MAS ExpertColor 10.8-50W 927 AR111 40D	1.200 cd
33381900	MAS ExpertColor 14.8-75W 927 AR111 45D	1.200 cd	33399400	MAS ExpertColor 10.8-50W 930 AR111 24D	3.200 cd
33383300	MAS ExpertColor 14.8-75W 930 AR111 24D	3.000 cd	33401400	MAS ExpertColor 10.8-50W 930 AR111 40D	1.200 cd
33385700	MAS ExpertColor 14.8-75W 930 AR111 45D	1.300 cd	42965900	MAS LEDExpertColor 20-100W 927 AR111 24D	4.000 cd
33387100	MAS ExpertColor 14.8-75W 940 AR111 24D	3.300 cd	42969700	MAS LEDExpertColor 20-100W 930 AR111 24D	4.200 cd
33389500	MAS ExpertColor 14.8-75W 940 AR111 45D	1.400 cd	42973400	MAS LEDExpertColor 20-100W 940 AR111 24D	4.400 cd
33393200	MAS ExpertColor 10.8-50W 927 AR111 24D	3.000 cd	42967300	MAS LEDExpertColor 20-100W 927 AR111 45D	2.100 cd

MASTER LEDspot ExpertColor AR111

Order Code	Full Product Name	Intensidad luminosa (nom.)
42971000	MAS LEDExpertColor 20-100W 930 AR111 45D	2.200 cd
42975800	MAS LEDExpertColor 20-100W 940 AR111 45D	2.300 cd

Order Code	Full Product Name	Intensidad luminosa (nom.)
33391800	MAS ExpertColor 10.8-50W 927 AR111 9D	8.000 cd
33397000	MAS ExpertColor 10.8-50W 930 AR111 9D	8.000 cd

Operativos y eléctricos

Order Code	Full Product Name	Consumo de energía	Equivalente de potencia
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	Consumo de energía	Equivalente de potencia
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

Temperatura

Order Code	Full Product Name	Temperatura máxima (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	Temperatura máxima (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

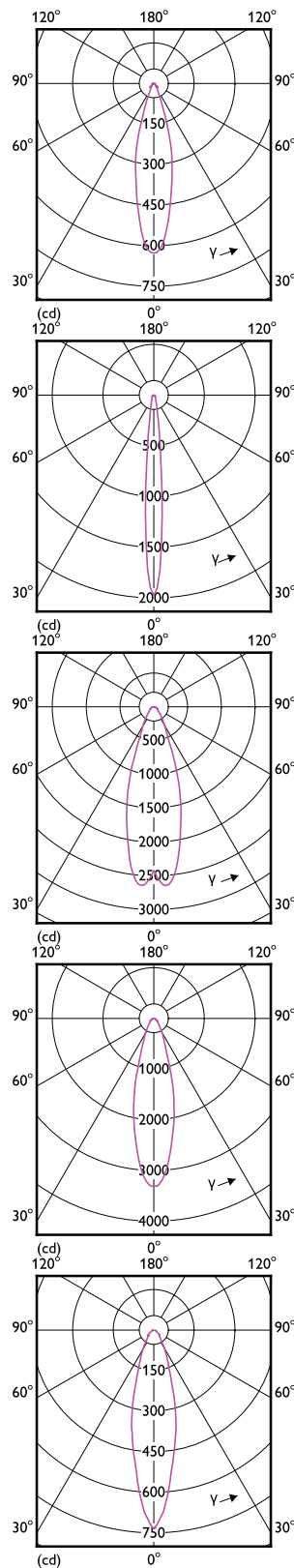
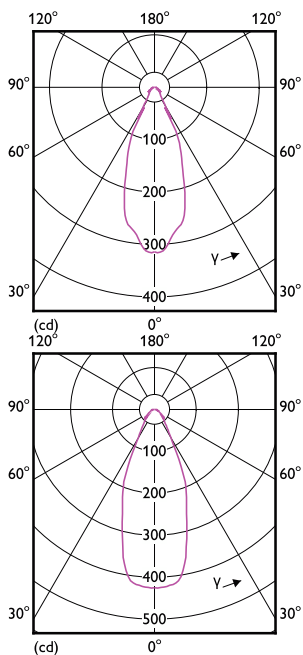
Aprobación y aplicación

Order Code	Full Product Name	Rango de temperatura ambiente	Consumo energético kWh/1000 h
33379600	MAS ExpertColor 14.8-75W 927 AR111 24D	-	15 kWh
33381900	MAS ExpertColor 14.8-75W 927 AR111 45D	-	15 kWh

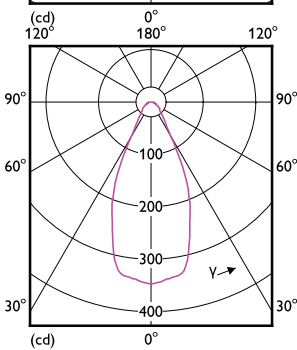
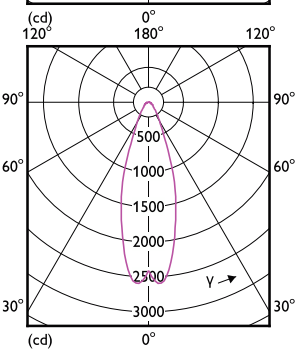
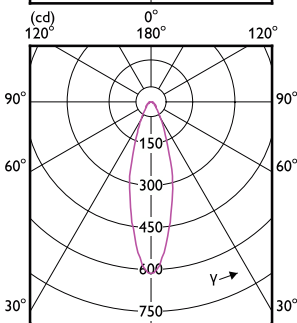
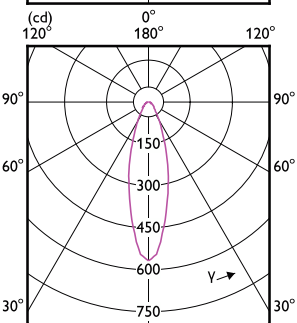
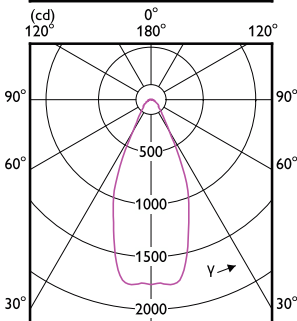
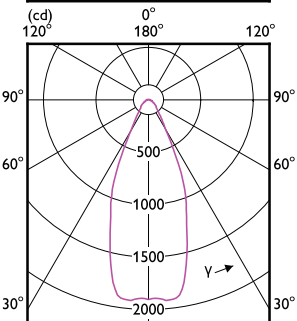
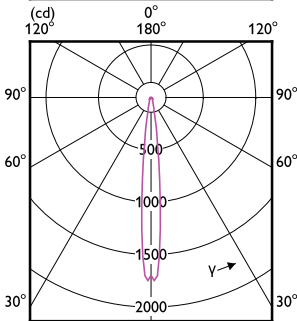
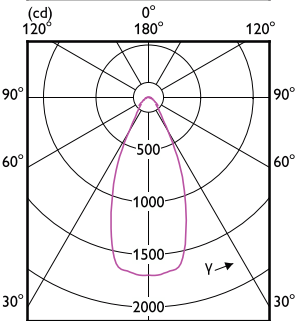
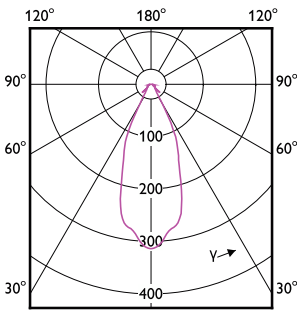
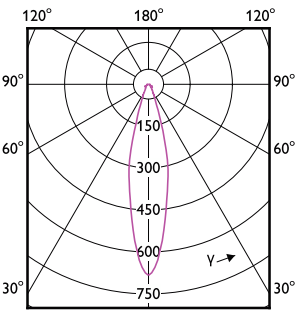
Order Code	Full Product Name	Rango de temperatura ambiente	Consumo energético kWh/1000 h
33383300	MAS ExpertColor 14.8-75W 930 AR111 24D	-	15 kWh
33385700	MAS ExpertColor 14.8-75W 930 AR111 45D	-	15 kWh

MASTER LEDspot ExpertColor AR111

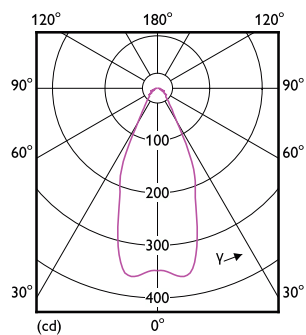
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33387100	MAS ExpertColor 14.8-75W 940 AR111 24D	-	15 kWh
33389500	MAS ExpertColor 14.8-75W 940 AR111 45D	-	15 kWh
33393200	MAS ExpertColor 10.8-50W 927 AR111 24D	-	11 kWh
33395600	MAS ExpertColor 10.8-50W 927 AR111 40D	-	11 kWh
33399400	MAS ExpertColor 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 a 45 °C	20 kWh
42969700	MAS LEExpertColor 20-100W 930 AR111 24D	-20 °C a 45 °C	20 kWh
42973400	MAS LEExpertColor 20-100W 940 AR111 24D	-20 °C a 45 °C	20 kWh
42967300	MAS LEExpertColor 20-100W 927 AR111 45D	-20 °C a 45 °C	20 kWh
42971000	MAS LEExpertColor 20-100W 930 AR111 45D	-20 °C a 45 °C	20 kWh
42975800	MAS LEExpertColor 20-100W 940 AR111 45D	-20 °C a 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



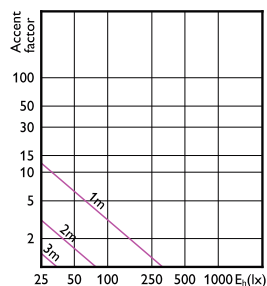
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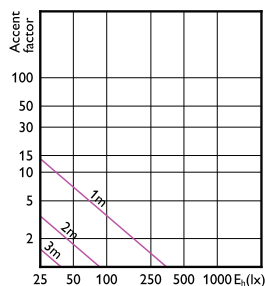
MASTER LEDspot ExpertColor AR111



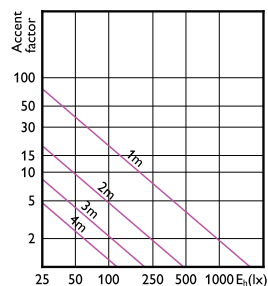
Accent Diagrams



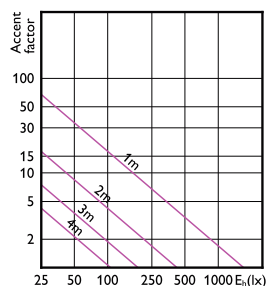
Accent Diagram - MAS ExpertColor 10.8-50W
930 AR111 40D



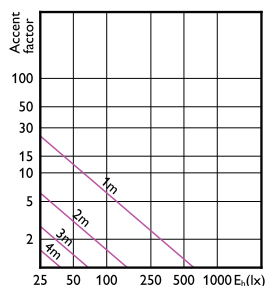
Accent Diagram - MAS ExpertColor 14.8-75W
930 AR111 45D



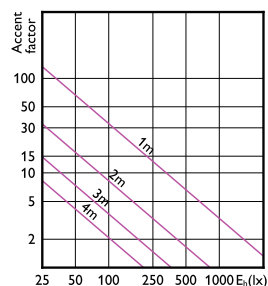
Accent Diagram - MAS LEDExpertColor
20-100W 930 AR111 45D



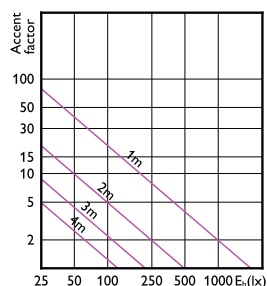
Accent Diagram - MAS LEDExpertColor
20-100W 927 AR111 45D



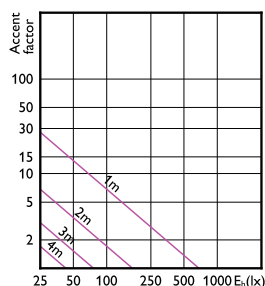
Accent Diagram - MAS ExpertColor 14.8-75W
930 AR111 24D



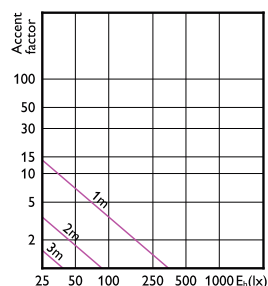
Accent Diagram - MAS LEDExpertColor
20-100W 940 AR111 24D



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



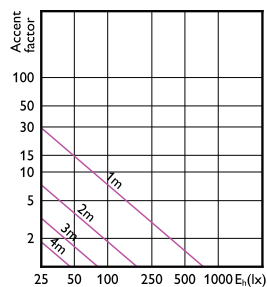
Accent Diagram - MAS ExpertColor 10.8-50W
930 AR111 24D



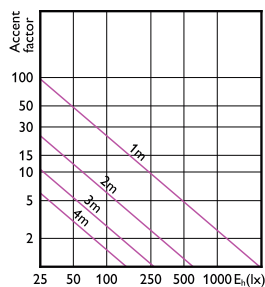
Accent Diagram - MAS ExpertColor 14.8-75W
927 AR111 45D

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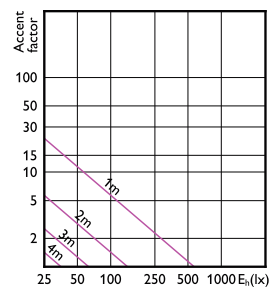
Accent Diagrams



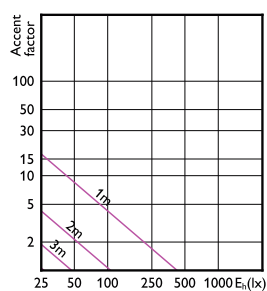
Accent Diagram - MAS ExpertColor 14.8-75W
940 AR111 24D



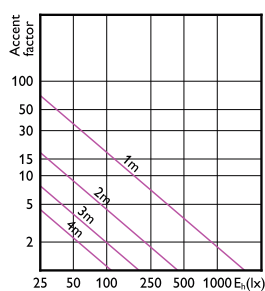
Accent Diagram - MAS LEExpertColor
20-100W 927 AR111 24D



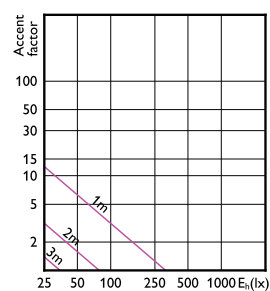
Accent Diagram - MAS ExpertColor 14.8-75W
927 AR111 24D



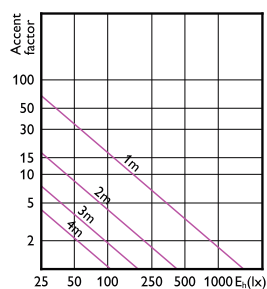
Accent Diagram - MAS ExpertColor 14.8-75W
940 AR111 45D



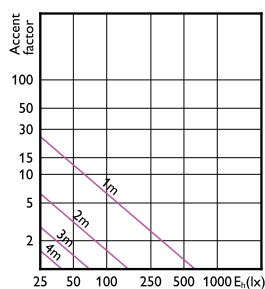
Accent Diagram - MAS LEExpertColor
20-100W 940 AR111 45D



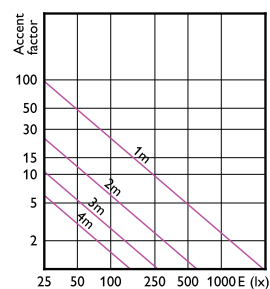
Accent Diagram - MAS ExpertColor 10.8-50W
927 AR111 40D



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



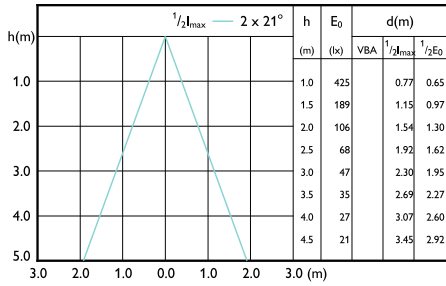
Accent Diagram - MAS ExpertColor 10.8-50W
927 AR111 24D



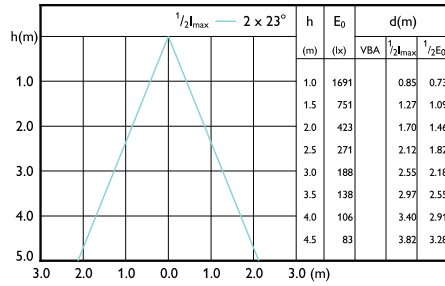
Accent Diagram - MAS LEExpertColor
20-100W 930 AR111 24D

MASTER LEDspot ExpertColor AR111

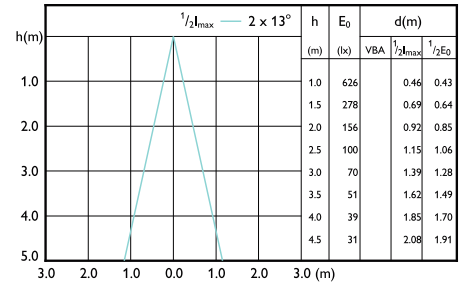
Beam Diagrams



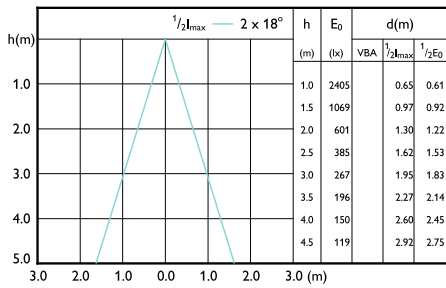
Beam diagram - MAS ExpertColor 14.8-75W
940 AR111 45D



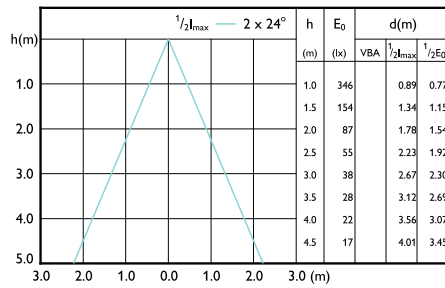
Beam diagram - MAS LEDExpertColor 20-100W
927 AR111 45D



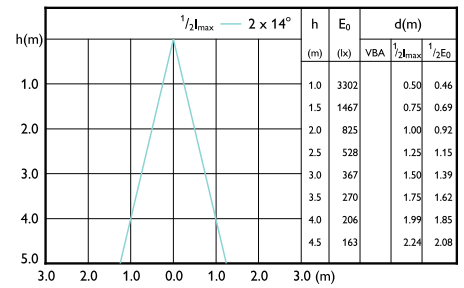
Beam diagram - MAS ExpertColor 10.8-50W
927 AR111 24D



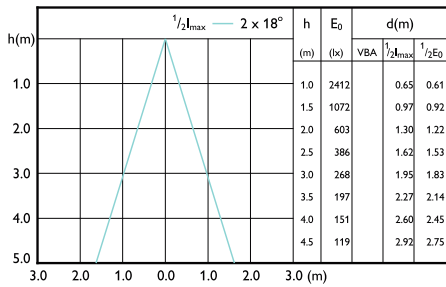
Beam diagram - MAS LEDExpertColor 20-100W
930 AR111 24D



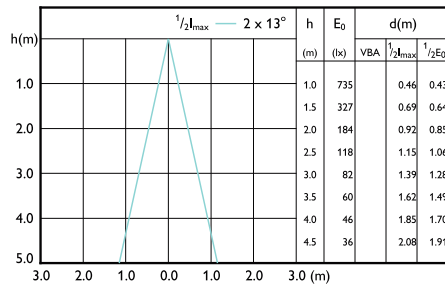
Beam diagram - MAS ExpertColor 14.8-75W
930 AR111 45D



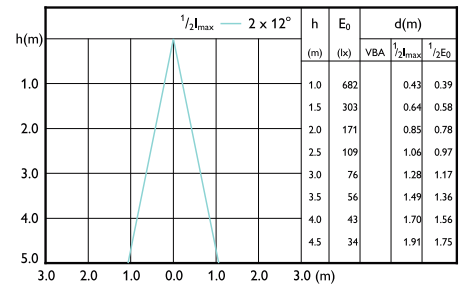
Beam diagram - MAS LEDExpertColor 20-100W
940 AR111 24D



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



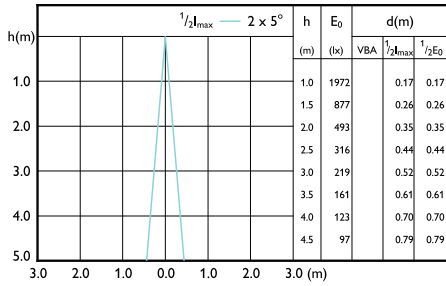
Beam diagram - MAS ExpertColor 14.8-75W
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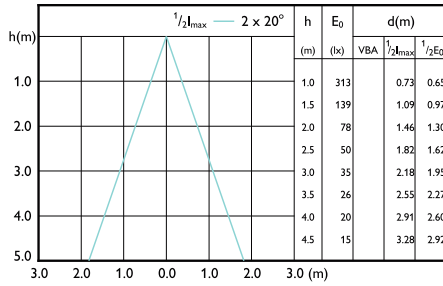
Beam diagram - MAS ExpertColor 10.8-50W
930 AR111 24D

MASTER LEDspot ExpertColor AR111

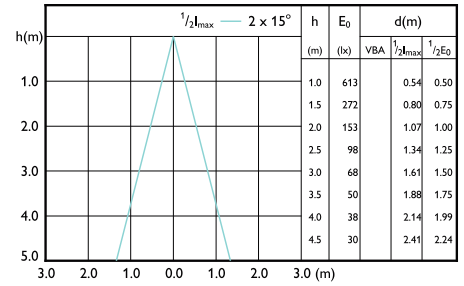
Beam Diagrams



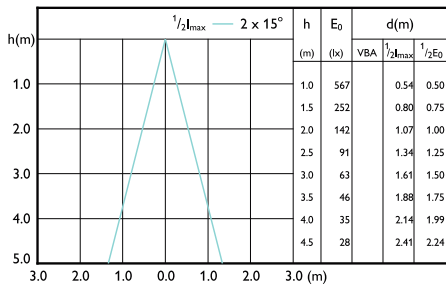
Beam diagram - MAS ExpertColor 10.8-50W 930 AR111 9D



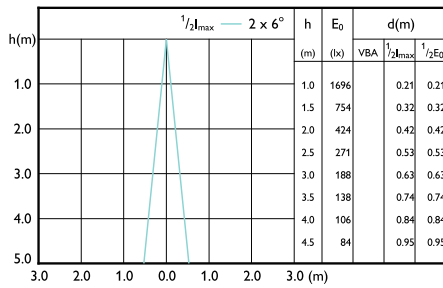
Beam diagram - MAS ExpertColor 10.8-50W 930 AR111 40D



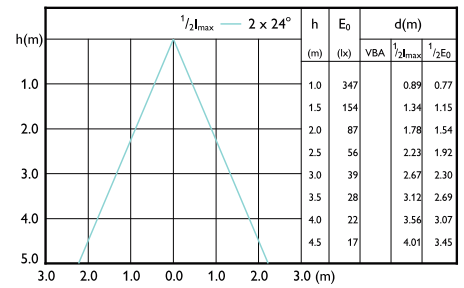
Beam diagram - MAS ExpertColor 14.8-75W 930 AR111 24D



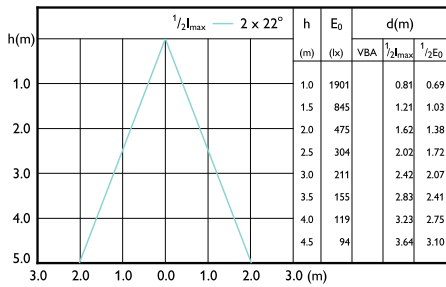
Beam diagram - MAS ExpertColor 14.8-75W 927 AR111 24D



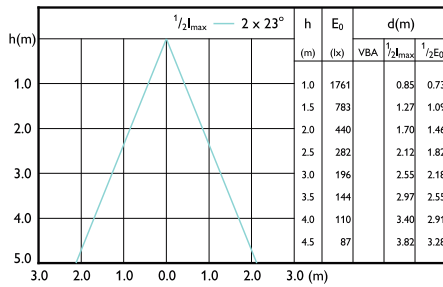
Beam diagram - MAS ExpertColor 10.8-50W 927 AR111 9D



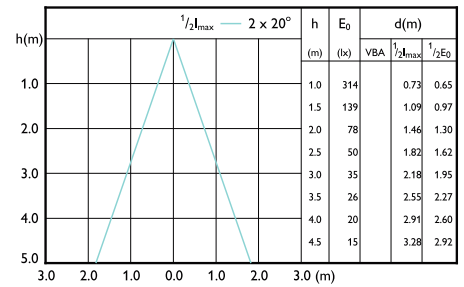
Beam diagram - MAS ExpertColor 14.8-75W 927 AR111 45D



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

