



# Skapar en varm och välkomnande stämning med belysning av överlägsen kvalitet

## MASTER LED-spot ExpertColor AR111

MASTER LEDspot LV ExpertColor skapar en varm och behaglig stämning för lokaler för evenemang, bostäder och restauranger. Den skapar en miljö med överlägsen belysning som har ett anpassat spektrum, högt CRI-värde och funktion för djup ljusreglering. Resultatet? En vacker belysning. Den innovativa, listlösa linsdesignen passar nästan all inredning med sitt avskalade och snygga utseende. Dessutom kan du använda dig av hela ExpertColor-serien, som också innefattar ljuskällorna LEDspot MV och LEDspot Par.

### Fördelar

- Skapa en varm och behaglig ljusmiljö
- Problemfri eftermonteringslösning för större energieffektivitet och hållbarhet
- Inredning, möbler och tyger ser inbjudande ut

### Funktioner

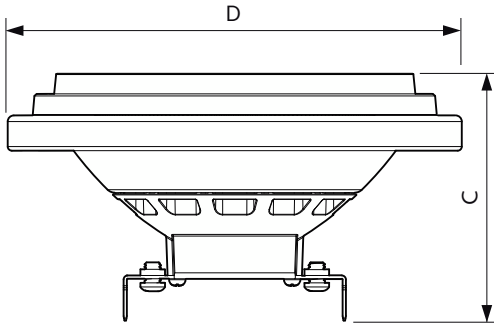
- Anpassat färgspektrum återskapar halogenbelysningsfärger
- Listlös design med vackra V-spårlinser
- Klassledande färgåtergivning CRI97, R9<gt;/>85
- Djup och jämn dimring med bred transformatorkompatibilitet
- Utbytbar med G53-armaturer

# MASTER LED-spot ExpertColor AR111

## Användning

- Hotell och restaurang: hotellrum, korridorer, lobby, reception, restaurang, barer, kaféer
- Hemma: vardagsrum, sovrum, hall
- Butik: utställningar, montrar, skyltning, provrum

## Måttskiss



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

### Allmän information

Socket	G53
Driftcykel	50 000
Nominell livslängd	40 000 h

### Ljusteknik

Färgåtergivningsindex	95
LLMF vid slutet av nominell livslängd (nom)	70 %

### Drift och elektricitet

Ingångsfrekvens	50-60 Hz
Line Frequency	50 to 60 Hz
Tändningstid (nom)	0,5 s

### Styrenheter och dimring

Dimbar	Endast med särskilda dimmers
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### Mekanik och armaturhus

Ljuskällans ytbehandling	Klar
Lampform	AR111

## Ljusteknik (1/2)

Order Code	Full Product Name	Spridningsvinkel (nom)	Korrelerad färgtemperatur		
			(Nom)	Färgkod	Ljusflöde
929003042602	MAS ExpertColor 14.8-75W 927 AR111 24D	24 °	2700 K	927	875 lm
929003042702	MAS ExpertColor 14.8-75W 927 AR111 45D	45 °	2700 K	927	875 lm
929003042802	MAS ExpertColor 14.8-75W 930 AR111 24D	24 °	3000 K	930	875 lm
929003042902	MAS ExpertColor 14.8-75W 930 AR111 45D	45 °	3000 K	930	875 lm
929003043002	MAS ExpertColor 14.8-75W 940 AR111 24D	24 °	4000 K	940	950 lm
929003043102	MAS ExpertColor 14.8-75W 940 AR111 45D	45 °	4000 K	940	950 lm
929003043302	MAS ExpertColor 10.8-50W 927 AR111 24D	24 °	2700 K	927	600 lm
929003043402	MAS ExpertColor 10.8-50W 927 AR111 40D	40 °	2700 K	927	600 lm
929003043602	MAS ExpertColor 10.8-50W 930 AR111 24D	24 °	3000 K	930	620 lm

## MASTER LED-spot ExpertColor AR111

Order Code	Full Product Name	Spridningsvinkel (nom)	Korrelerad färgtemperatur		
			(Nom)	Färgkod	Ljusflöde
929003043702	MAS ExpertColor 10.8-50W 930 AR111 40D	40 °	3000 K	930	620 lm
929003478602	MAS LEDEExpertColor 20-100W 927 AR111 24D	24 °	2700 K	927	1 270 lm
929003478702	MAS LEDEExpertColor 20-100W 930 AR111 24D	24 °	3000 K	930	1 270 lm
929003478802	MAS LEDEExpertColor 20-100W 940 AR111 24D	24 °	4000 K	940	1 270 lm
929003478902	MAS LEDEExpertColor 20-100W 927 AR111 45D	45 °	2700 K	927	1 270 lm
929003479002	MAS LEDEExpertColor 20-100W 930 AR111 45D	45 °	3000 K	930	1 270 lm
929003479102	MAS LEDEExpertColor 20-100W 940 AR111 45D	45 °	4000 K	940	1 270 lm
929003043202	MAS ExpertColor 10.8-50W 927 AR111 9D	9 °	2700 K	927	600 lm
929003043502	MAS ExpertColor 10.8-50W 930 AR111 9D	9 °	3000 K	930	620 lm

### Ljusteknik (2/2)

Order Code	Full Product Name	Ljusstyrka (nom)	Order Code	Full Product Name	Ljusstyrka (nom)
929003042602	MAS ExpertColor 14.8-75W 927 AR111 24D	3 000 cd	929003043702	MAS ExpertColor 10.8-50W 930 AR111 40D	1 200 cd
929003042702	MAS ExpertColor 14.8-75W 927 AR111 45D	1 200 cd	929003478602	MAS LEDEExpertColor 20-100W 927 AR111 24D	4 000 cd
929003042802	MAS ExpertColor 14.8-75W 930 AR111 24D	3 000 cd	929003478702	MAS LEDEExpertColor 20-100W 930 AR111 24D	4 200 cd
929003042902	MAS ExpertColor 14.8-75W 930 AR111 45D	1 300 cd	929003478802	MAS LEDEExpertColor 20-100W 940 AR111 24D	4 400 cd
929003043002	MAS ExpertColor 14.8-75W 940 AR111 24D	3 300 cd	929003478902	MAS LEDEExpertColor 20-100W 927 AR111 45D	2 100 cd
929003043102	MAS ExpertColor 14.8-75W 940 AR111 45D	1 400 cd	929003479002	MAS LEDEExpertColor 20-100W 930 AR111 45D	2 200 cd
929003043302	MAS ExpertColor 10.8-50W 927 AR111 24D	3 000 cd	929003479102	MAS LEDEExpertColor 20-100W 940 AR111 45D	2 300 cd
929003043402	MAS ExpertColor 10.8-50W 927 AR111 40D	1 200 cd	929003043202	MAS ExpertColor 10.8-50W 927 AR111 9D	8 000 cd
929003043602	MAS ExpertColor 10.8-50W 930 AR111 24D	3 200 cd	929003043502	MAS ExpertColor 10.8-50W 930 AR111 9D	8 000 cd

### Drift och elektricitet

Order Code	Full Product Name	Effektförbrukning	Motsvarande		Order Code	Full Product Name	Effektförbrukning	Motsvarande	
			effekt					effekt	
929003042602	MAS ExpertColor 14.8-75W 927 AR111 24D	14,8 W	75 W		929003043302	MAS ExpertColor 10.8-50W 927 AR111 24D	10,8 W	50 W	
929003042702	MAS ExpertColor 14.8-75W 927 AR111 45D	14,8 W	75 W		929003043402	MAS ExpertColor 10.8-50W 927 AR111 40D	10,8 W	50 W	
929003042802	MAS ExpertColor 14.8-75W 930 AR111 24D	14,8 W	75 W		929003043602	MAS ExpertColor 10.8-50W 930 AR111 24D	10,8 W	50 W	
929003042902	MAS ExpertColor 14.8-75W 930 AR111 45D	14,8 W	75 W		929003043702	MAS ExpertColor 10.8-50W 930 AR111 40D	10,8 W	50 W	
929003043002	MAS ExpertColor 14.8-75W 940 AR111 24D	14,8 W	75 W		929003478602	MAS LEDEExpertColor 20-100W 927 AR111 24D	20 W	100 W	
929003043102	MAS ExpertColor 14.8-75W 940 AR111 45D	14,8 W	75 W		929003478702	MAS LEDEExpertColor 20-100W 930 AR111 24D	20 W	100 W	

## MASTER LED-spot ExpertColor AR111

Order Code	Full Product Name	Effektförbrukning	Motsvarande effekt
929003478802	MAS LEDExpertColor 20-100W 940 AR111 24D	20 W	100 W
929003478902	MAS LEDExpertColor 20-100W 927 AR111 45D	20 W	100 W
929003479002	MAS LEDExpertColor 20-100W 930 AR111 45D	20 W	100 W

Order Code	Full Product Name	Effektförbrukning	Motsvarande effekt
929003479102	MAS LEDExpertColor 20-100W 940 AR111 45D	20 W	100 W
929003043202	MAS ExpertColor 10.8-50W 927 AR111 9D	10,8 W	50 W
929003043502	MAS ExpertColor 10.8-50W 930 AR111 9D	10,8 W	50 W

### Temperatur

Order Code	Full Product Name	T-Case max. (nom)
929003042602	MAS ExpertColor 14.8-75W 927 AR111 24D	85 °C
929003042702	MAS ExpertColor 14.8-75W 927 AR111 45D	85 °C
929003042802	MAS ExpertColor 14.8-75W 930 AR111 24D	85 °C
929003042902	MAS ExpertColor 14.8-75W 930 AR111 45D	85 °C
929003043002	MAS ExpertColor 14.8-75W 940 AR111 24D	85 °C
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
929003043602	MAS ExpertColor 10.8-50W 930 AR111 24D	70 °C

Order Code	Full Product Name	T-Case max. (nom)
929003043702	MAS ExpertColor 10.8-50W 930 AR111 40D	70 °C
929003478602	MAS LEDExpertColor 20-100W 927 AR111 24D	77 °C
929003478702	MAS LEDExpertColor 20-100W 930 AR111 24D	77 °C
929003478802	MAS LEDExpertColor 20-100W 940 AR111 24D	77 °C
929003478902	MAS LEDExpertColor 20-100W 927 AR111 45D	77 °C
929003479002	MAS LEDExpertColor 20-100W 930 AR111 45D	77 °C
929003479102	MAS LEDExpertColor 20-100W 940 AR111 45D	77 °C
929003043202	MAS ExpertColor 10.8-50W 927 AR111 9D	70 °C
929003043502	MAS ExpertColor 10.8-50W 930 AR111 9D	70 °C

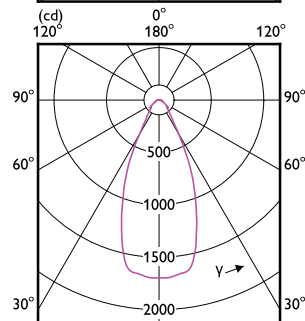
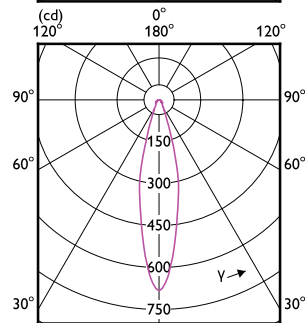
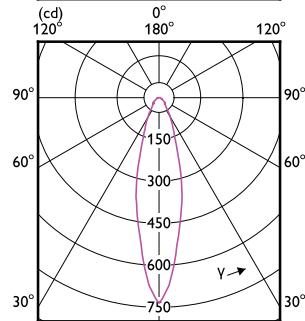
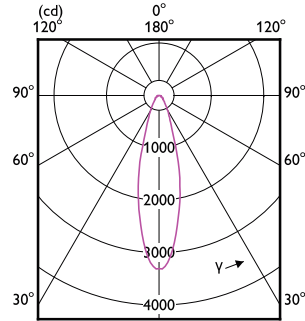
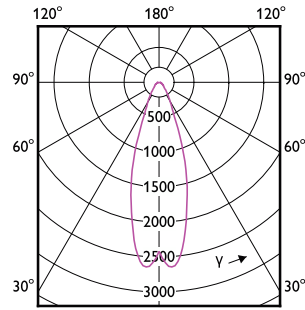
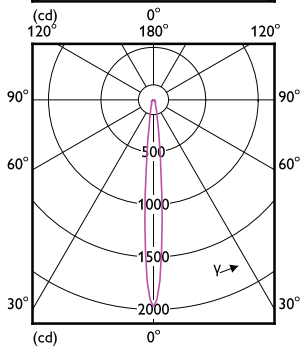
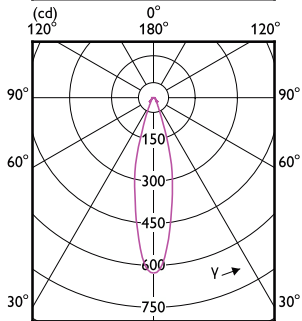
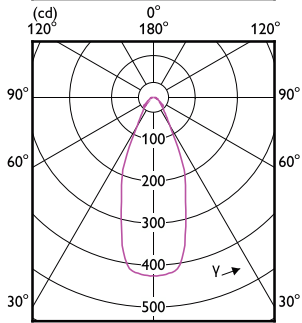
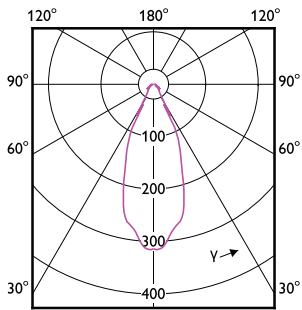
### Användning och godkännande

Order Code	Full Product Name	Omgivningstemperatur	Energiförbrukning kWh/1 000 tim
929003042602	MAS ExpertColor 14.8-75W 927 AR111 24D	-20 till +45 °C	15 kWh
929003042702	MAS ExpertColor 14.8-75W 927 AR111 45D	-20 till +45 °C	15 kWh
929003042802	MAS ExpertColor 14.8-75W 930 AR111 24D	-20 till +45 °C	15 kWh
929003042902	MAS ExpertColor 14.8-75W 930 AR111 45D	-20 till +45 °C	15 kWh
929003043002	MAS ExpertColor 14.8-75W 940 AR111 24D	-20 till +45 °C	15 kWh
929003043102	MAS ExpertColor 14.8-75W 940 AR111 45D	-20 till +45 °C	15 kWh
929003043302	MAS ExpertColor 10.8-50W 927 AR111 24D	-20 till +45 °C	11 kWh
929003043402	MAS ExpertColor 10.8-50W 927 AR111 40D	-20 till +45 °C	11 kWh

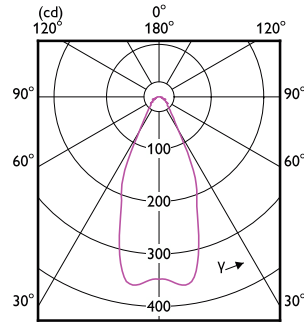
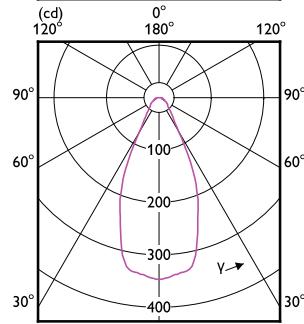
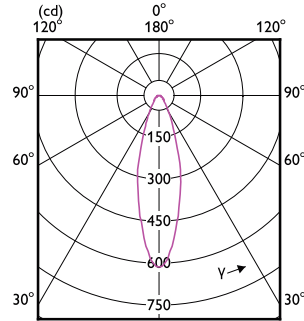
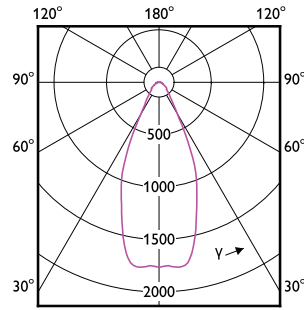
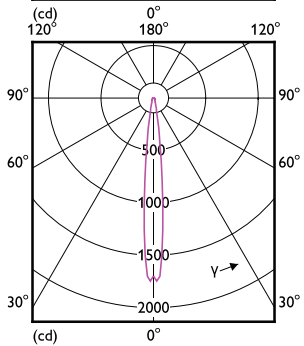
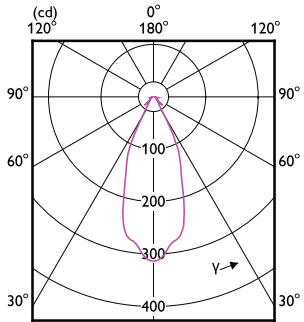
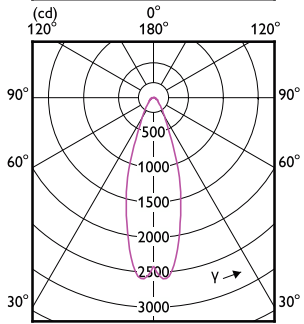
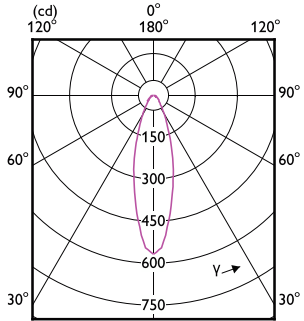
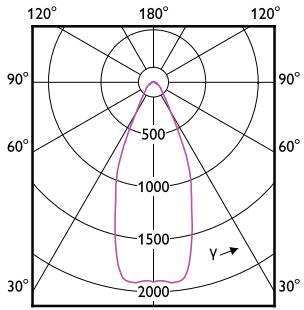
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929003043702	MAS ExpertColor 10.8-50W 930 AR111 40D	-20 till +45 °C	11 kWh
929003478602	MAS LEDExpertColor 20-100W 927 AR111 24D	-20 °C till +45 °C	20 kWh
929003478702	MAS LEDExpertColor 20-100W 930 AR111 24D	-20 °C till +45 °C	20 kWh
929003478802	MAS LEDExpertColor 20-100W 940 AR111 24D	-20 °C till +45 °C	20 kWh
929003478902	MAS LEDExpertColor 20-100W 927 AR111 45D	-20 °C till +45 °C	20 kWh
929003479002	MAS LEDExpertColor 20-100W 930 AR111 45D	-20 °C till +45 °C	20 kWh
929003479102	MAS LEDExpertColor 20-100W 940 AR111 45D	-20 °C till +45 °C	20 kWh
929003043202	MAS ExpertColor 10.8-50W 927 AR111 9D	-20 till +45 °C	11 kWh

# MASTER LED-spot ExpertColor AR111

Order Code	Full Product Name	Omgivningstemperatur	Energiförbrukning kWh/1 000 tim
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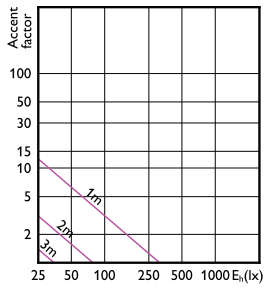


# MASTER LED-spot ExpertColor AR111

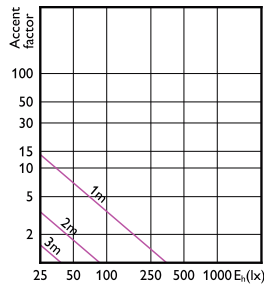


# MASTER LED-spot ExpertColor AR111

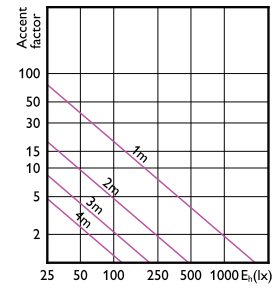
## Accent Diagrams



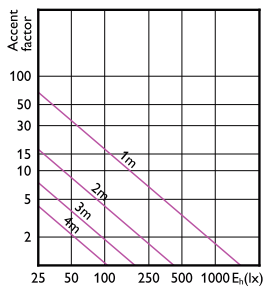
Accent Diagram - MAS ExpertColor 10.8-50W  
930 AR111 40D



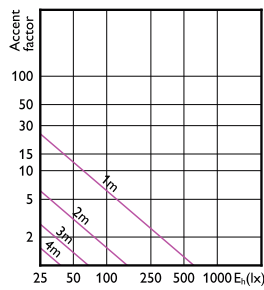
Accent Diagram - MAS ExpertColor 14.8-75W  
930 AR111 45D



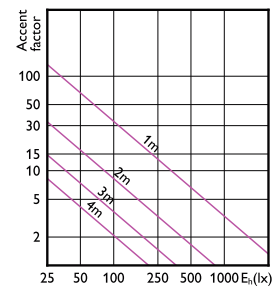
Accent Diagram - MAS LEDExpertColor  
20-100W 930 AR111 45D



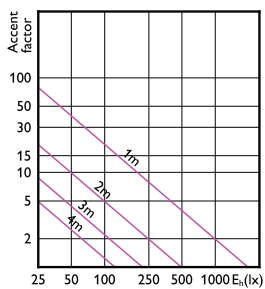
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20-100W 927 AR111 45D



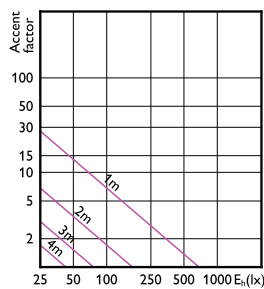
Accent Diagram - MAS ExpertColor 14.8-75W  
930 AR111 24D



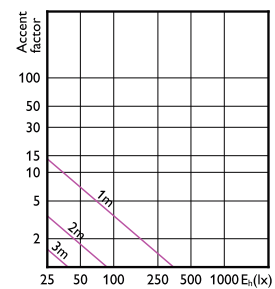
Accent Diagram - MAS LEDExpertColor  
20-100W 940 AR111 24D



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



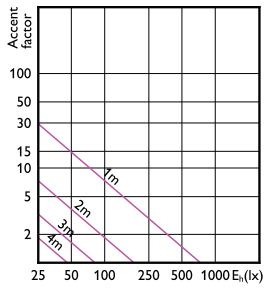
Accent Diagram - MAS ExpertColor 10.8-50W  
930 AR111 24D



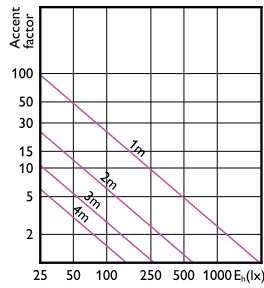
Accent Diagram - MAS ExpertColor 14.8-75W  
927 AR111 45D

# MASTER LED-spot ExpertColor AR111

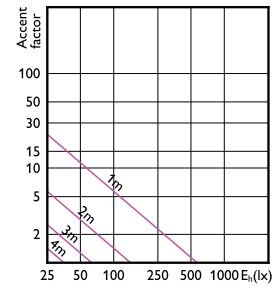
## Accent Diagrams



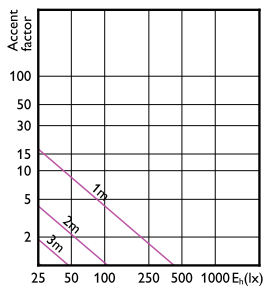
Accent Diagram - MAS ExpertColor 14.8-75W  
940 AR111 24D



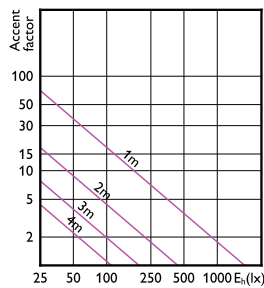
Accent Diagram - MAS LEExpertColor  
20-100W 927 AR111 24D



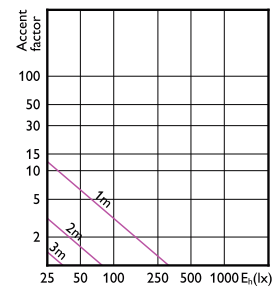
Accent Diagram - MAS ExpertColor 14.8-75W  
927 AR111 24D



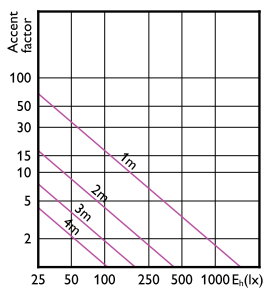
Accent Diagram - MAS ExpertColor 14.8-75W  
940 AR111 45D



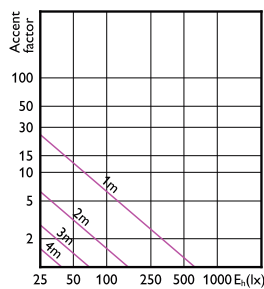
Accent Diagram - MAS LEExpertColor  
20-100W 940 AR111 45D



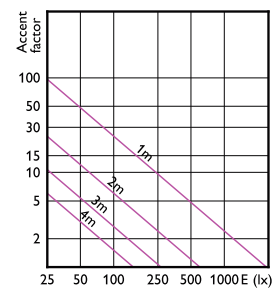
Accent Diagram - MAS ExpertColor 10.8-50W  
927 AR111 40D



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



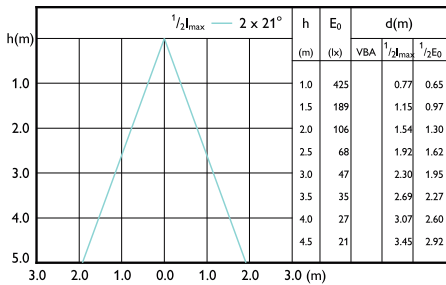
Accent Diagram - MAS ExpertColor 10.8-50W  
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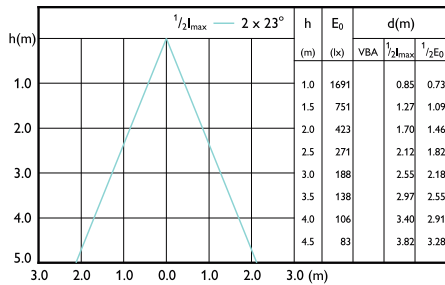
Accent Diagram - MAS LEExpertColor  
20-100W 930 AR111 24D

# MASTER LED-spot ExpertColor AR111

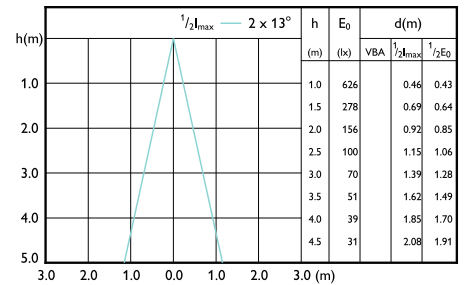
## Beam Diagrams



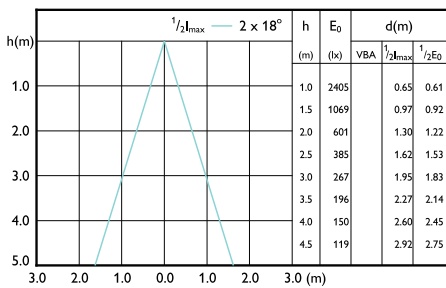
Beam diagram - MAS ExpertColor 14.8-75W  
940 AR111 45D



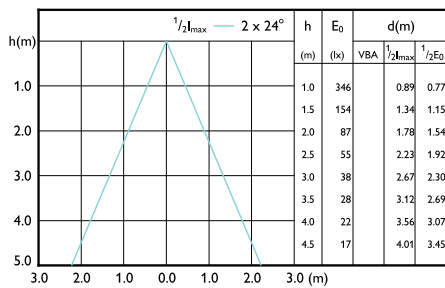
Beam diagram - MAS LEDExpertColor 20-100W  
927 AR111 45D



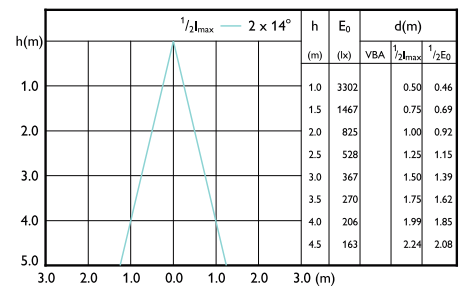
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927 AR111 24D



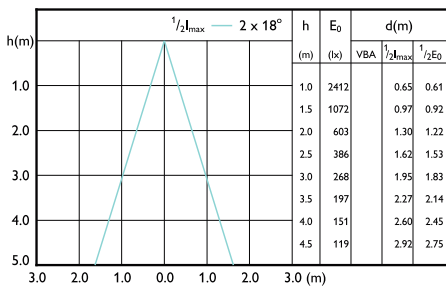
Beam diagram - MAS LEDExpertColor 20-100W  
930 AR111 24D



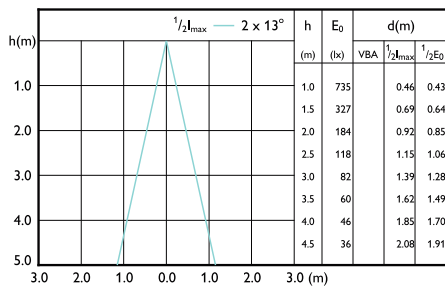
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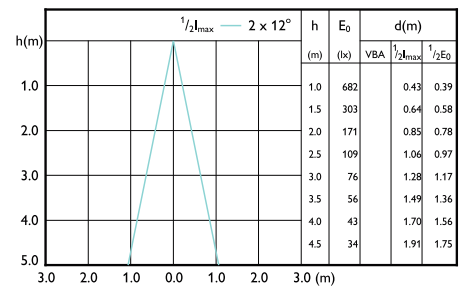
Beam diagram - MAS LEDExpertColor 20-100W  
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Beam diagram - MAS LEDExpertColor 20-100W  
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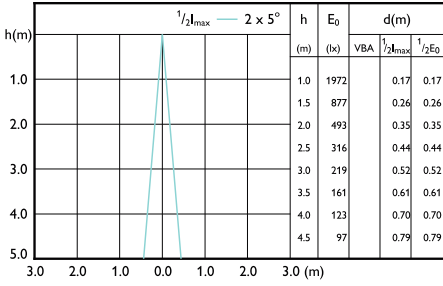
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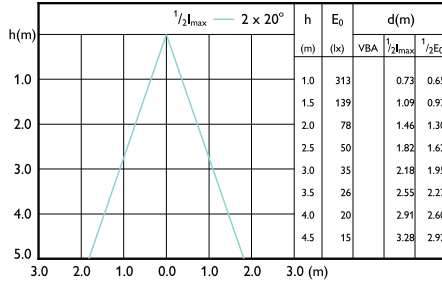
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930 AR111 24D

# MASTER LED-spot ExpertColor AR111

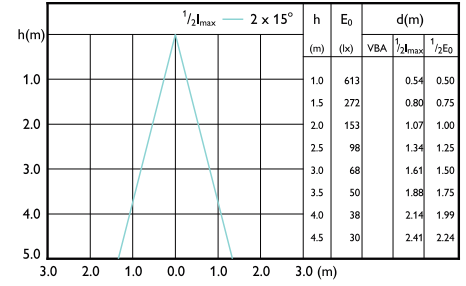
## Beam Diagrams



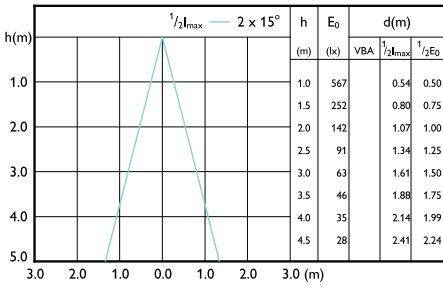
Beam diagram - MAS ExpertColor 10.8-50W 930 AR111 9D



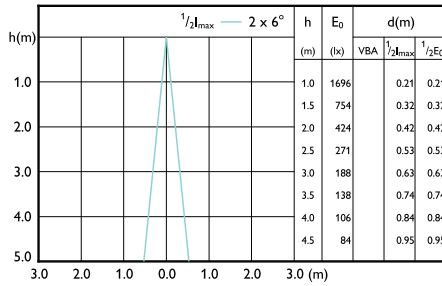
Beam diagram - MAS ExpertColor 10.8-50W 930 AR111 40D



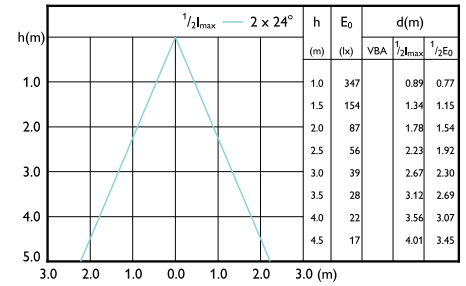
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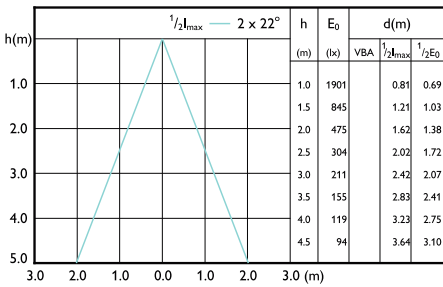
Beam diagram - MAS ExpertColor 14.8-75W 927 AR111 24D



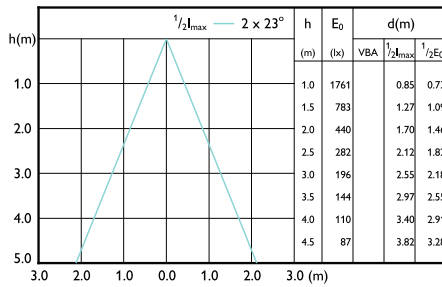
Beam diagram - MAS ExpertColor 10.8-50W 927 AR111 9D



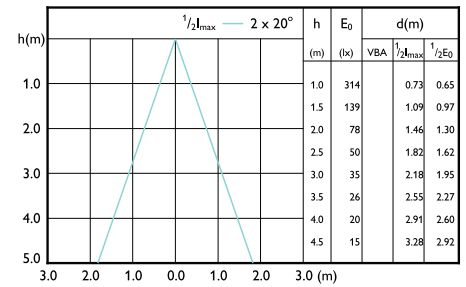
Beam diagram - MAS ExpertColor 14.8-75W 927 AR111 45D



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 LED-spot ExpertColor AR111

