



# 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 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

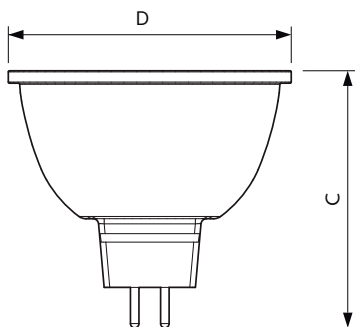
- Customised colour spectrum replicates halogen light colour
- Trimless design with beautiful V-groove lens
- Best-in-class colour realisation CRI97, R9>85
- Deep and smooth dimming with broad transformer compatibility
- Retrofit with low-voltage MR16 halogen lamps with GU5.3 socket

# MASTER LEDspot ExpertColor LV

## Application

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

## Dimensional drawing



Product	D	C
MAS LED ExpertColor 6.7-35W MR16 927 36D	50.5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 930 36D	50.5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 927 36D	50.5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 930 24D	50.5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 930 36D	50.5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 940 24D	50.5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 940 36D	50.5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 927 10D	50.5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 927 24D	50.5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 930 10D	50.5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 930 24D	50.5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 930 60D	50.5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 940 10D	50.5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 940 24D	50.5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 940 36D	50.5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 940 60D	50.5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 927 24D	50.5 mm	46 mm

### General Information

Cap base	GU5.3
Switching Cycle	50,000
Nominal lifetime	40,000 h

### Light Technical

LLMF at end of nominal lifetime (nom.)	70 %
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### Operating and Electrical

Input frequency	- Hz
Line Frequency	- Hz
Starting time (nom.)	0.5 s

### Controls and Dimming

Dimmable	Only with specific dimmers
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### Mechanical and Housing

Bulb shape	MR16
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## Light Technical (1/2)

Order Code	Full Product Name	Beam angle (nom.)	Correlated Colour	Colour	Colour Code
			Temperature (Nom)	rendering index (CRI)	
35847800	MASTER LED ExpertColor 6.7-35W MR16 927 10D	10 degree(s)	2700 K	97	927
35849200	MASTER LED ExpertColor 6.7-35W MR16 930 10D	10 degree(s)	3000 K	97	930
35851500	MASTER LED ExpertColor 6.7-35W MR16 940 10D	10 degree(s)	4000 K	97	940
35865200	MASTER LED ExpertColor 7.5-43W MR16 927 24D	24 degree(s)	2700 K	92	927
35867600	MASTER LED ExpertColor 7.5-43W MR16 930 24D	24 degree(s)	3000 K	92	930
35869000	MASTER LED ExpertColor 7.5-43W MR16 940 24D	24 degree(s)	4000 K	92	940
35871300	MASTER LED ExpertColor 7.5-43W MR16 927 36D	36 degree(s)	2700 K	92	927
35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	36 degree(s)	3000 K	92	930
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	36 degree(s)	4000 K	92	940

## MASTER LEDspot ExpertColor LV

Order Code	Full Product Name	Beam angle (nom.)	Correlated Colour	Colour	Colour Code
			Temperature (Nom)	rendering index (CRI)	
35843000	MASTER LED ExpertColor 6.7-35W MR16 930 60D	60 degree(s)	3000 K	97	930
35845400	MASTER LED ExpertColor 6.7-35W MR16 940 60D	60 degree(s)	4000 K	97	940
35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	24 degree(s)	2700 K	97	927
35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	24 degree(s)	3000 K	97	930
35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	24 degree(s)	4000 K	97	940
35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	36 degree(s)	2700 K	97	927
35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	36 degree(s)	3000 K	97	930
35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	36 degree(s)	4000 K	97	940

### Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Luminous	Order Code	Full Product Name	Luminous Flux	Luminous
			intensity (nom.)				intensity (nom.)
35847800	MASTER LED ExpertColor 6.7-35W MR16 927 10D	410 lm	4,600 cd	35843000	MASTER LED ExpertColor 6.7-35W MR16 930 60D	440 lm	440 cd
35849200	MASTER LED ExpertColor 6.7-35W MR16 930 10D	430 lm	4,800 cd	35845400	MASTER LED ExpertColor 6.7-35W MR16 940 60D	440 lm	440 cd
35851500	MASTER LED ExpertColor 6.7-35W MR16 940 10D	440 lm	4,800 cd	35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	420 lm	2,100 cd
35865200	MASTER LED ExpertColor 7.5-43W MR16 927 24D	485 lm	2,400 cd	35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	440 lm	2,200 cd
35867600	MASTER LED ExpertColor 7.5-43W MR16 930 24D	500 lm	2,600 cd	35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	460 lm	2,200 cd
35869000	MASTER LED ExpertColor 7.5-43W MR16 940 24D	520 lm	2,800 cd	35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	420 lm	1,300 cd
35871300	MASTER LED ExpertColor 7.5-43W MR16 927 36D	485 lm	1,400 cd	35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	440 lm	1,400 cd
35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	500 lm	1,550 cd	35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	460 lm	1,400 cd
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	520 lm	1,650 cd				

### Operating and Electrical

Order Code	Full Product Name	Power Consumption	Power	Order Code	Full Product Name	Power Consumption	Power
			Wattage equivalent				Wattage equivalent
35847800	MASTER LED ExpertColor 6.7-35W MR16 927 10D	6.7 W	35 W	35851500	MASTER LED ExpertColor 6.7-35W MR16 940 10D	6.7 W	35 W
35849200	MASTER LED ExpertColor 6.7-35W MR16 930 10D	6.7 W	35 W	35865200	MASTER LED ExpertColor 7.5-43W MR16 927 24D	7.5 W	43 W

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Order Code	Full Product Name	Power Consumption	Wattage equivalent
35867600	MASTER LED ExpertColor 7.5-43W MR16 930 24D	7.5 W	43 W
35869000	MASTER LED ExpertColor 7.5-43W MR16 940 24D	7.5 W	43 W
35871300	MASTER LED ExpertColor 7.5-43W MR16 927 36D	7.5 W	43 W
35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	7.5 W	43 W
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	7.5 W	43 W
35843000	MASTER LED ExpertColor 6.7-35W MR16 930 60D	6.7 W	35 W
35845400	MASTER LED ExpertColor 6.7-35W MR16 940 60D	6.7 W	35 W

## Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
35847800	MASTER LED ExpertColor 6.7-35W MR16 927 10D	92 °C
35849200	MASTER LED ExpertColor 6.7-35W MR16 930 10D	92 °C
35851500	MASTER LED ExpertColor 6.7-35W MR16 940 10D	92 °C
35865200	MASTER LED ExpertColor 7.5-43W MR16 927 24D	93 °C
35867600	MASTER LED ExpertColor 7.5-43W MR16 930 24D	93 °C
35869000	MASTER LED ExpertColor 7.5-43W MR16 940 24D	93 °C
35871300	MASTER LED ExpertColor 7.5-43W MR16 927 36D	93 °C
35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	93 °C
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	93 °C

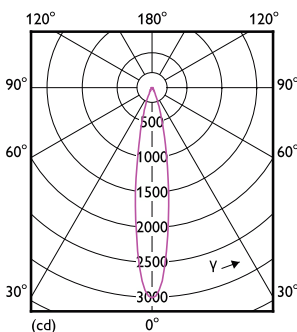
## Approval and Application

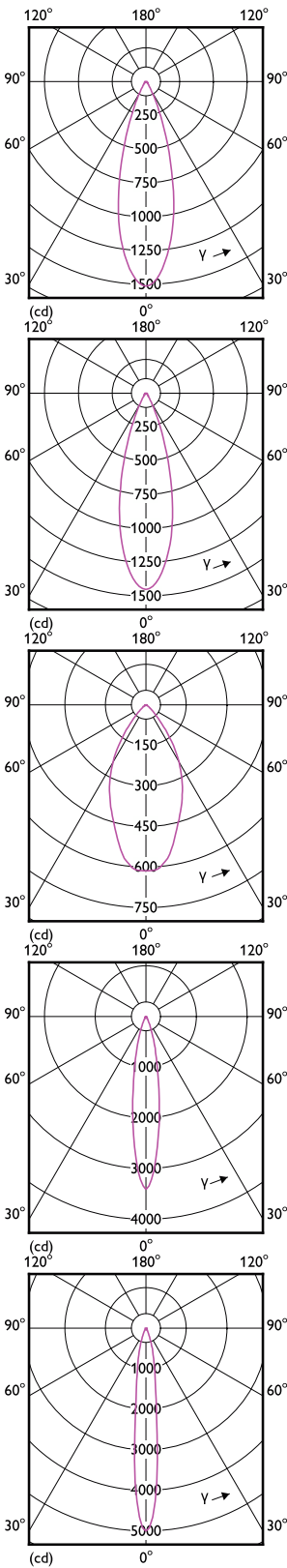
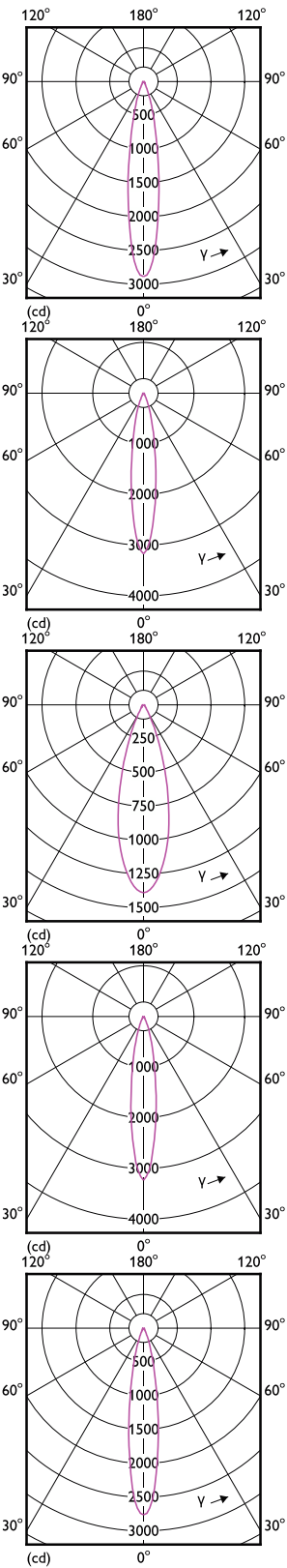
Order Code	Full Product Name	Energy consumption kWh/1,000 hours
35847800	MASTER LED ExpertColor 6.7-35W MR16 927 10D	7 kWh
35849200	MASTER LED ExpertColor 6.7-35W MR16 930 10D	7 kWh
35851500	MASTER LED ExpertColor 6.7-35W MR16 940 10D	7 kWh
35865200	MASTER LED ExpertColor 7.5-43W MR16 927 24D	8 kWh
35867600	MASTER LED ExpertColor 7.5-43W MR16 930 24D	8 kWh
35869000	MASTER LED ExpertColor 7.5-43W MR16 940 24D	8 kWh
35871300	MASTER LED ExpertColor 7.5-43W MR16 927 36D	8 kWh
35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	8 kWh
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	8 kWh
35843000	MASTER LED ExpertColor 6.7-35W MR16 930 60D	7 kWh
35845400	MASTER LED ExpertColor 6.7-35W MR16 940 60D	7 kWh
35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	7 kWh
35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	7 kWh
35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	7 kWh
35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	7 kWh

Order Code	Full Product Name	Power Consumption	Wattage equivalent
35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	6.7 W	35 W
35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	6.7 W	35 W
35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	6.7 W	35 W
35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	6.7 W	35 W
35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	6.7 W	35 W
35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	6.7 W	35 W

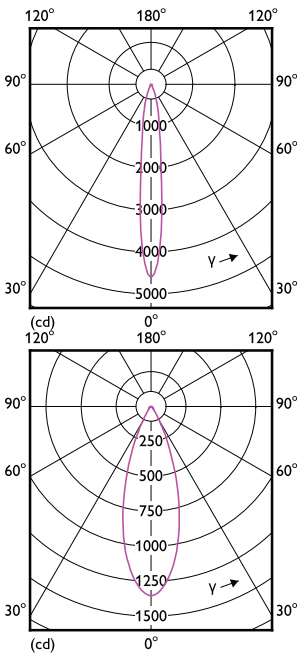
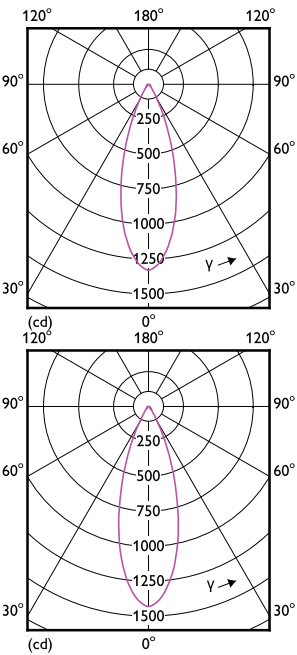
Order Code	Full Product Name	T-Case maximum (nom.)
35843000	MASTER LED ExpertColor 6.7-35W MR16 930 60D	92 °C
35845400	MASTER LED ExpertColor 6.7-35W MR16 940 60D	92 °C
35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	92 °C
35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	92 °C
35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	92 °C
35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	92 °C
35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	92 °C
35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	92 °C

Order Code	Full Product Name	Energy consumption kWh/1,000 hours
35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	7 kWh
35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	7 kWh

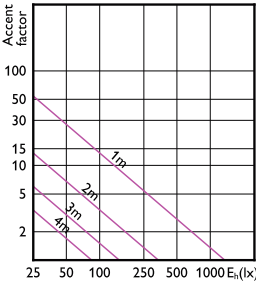




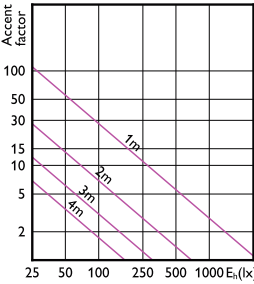
MASTER LEDspot ExpertColor LV



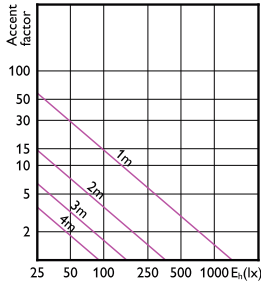
Accent Diagrams



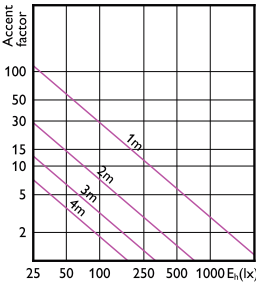
Accent Diagram - MAS LED ExpertColor  
7.5-43W MR16 930 36D



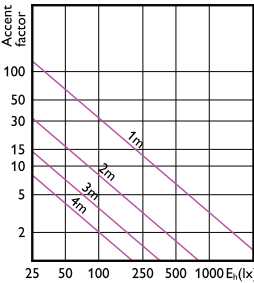
Accent Diagram - MAS LED  
ExpertColor 6.7-35W MR16 927 24D



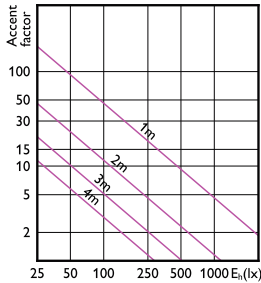
Accent Diagram - MAS LED ExpertColor  
6.7-35W MR16 930 36D



Accent Diagram - MAS LED  
ExpertColor 6.7-35W MR16 930 24D

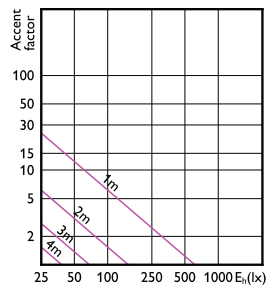


Accent Diagram - MAS LED ExpertColor  
7.5-43W MR16 930 24D

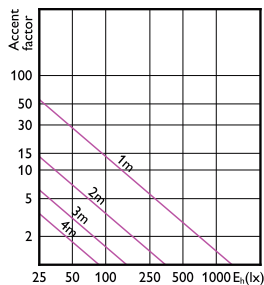


Accent Diagram - MAS LED  
ExpertColor 6.7-35W MR16 927 10D

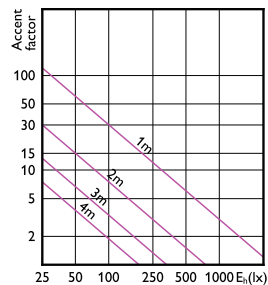
## Accent Diagrams



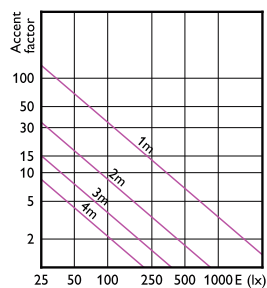
Accent Diagram - MAS LED  
ExpertColor 6.7-35W MR16 940 60D



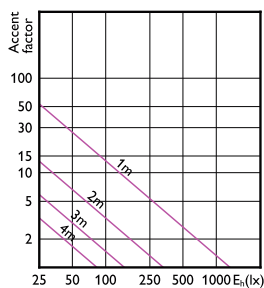
Accent Diagram - MAS LED ExpertColor  
6.7-35W MR16 927 36D



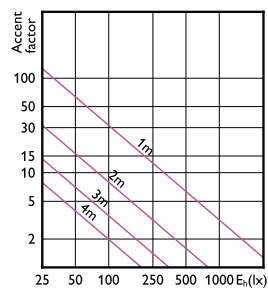
Accent Diagram - MAS LED  
ExpertColor 6.7-35W MR16 940 24D



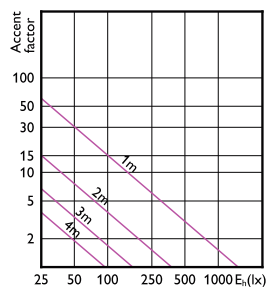
Accent Diagram - MAS LED ExpertColor  
7.5-43W MR16 940 24D



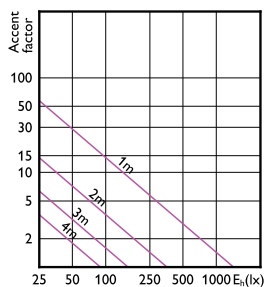
Accent Diagram - MAS LED ExpertColor  
7.5-43W MR16 927 36D



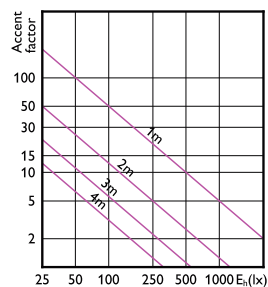
Accent Diagram - MAS LED  
ExpertColor 7.5-43W MR16 927 24D



Accent Diagram - MAS LED  
ExpertColor 6.7-35W MR16 940 36D

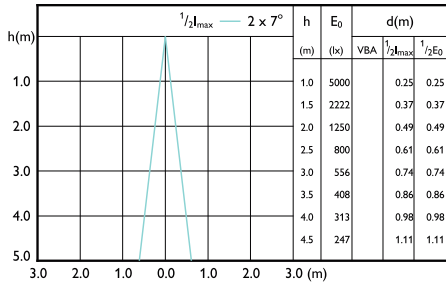


Accent Diagram - MAS LED ExpertColor  
7.5-43W MR16 940 36D

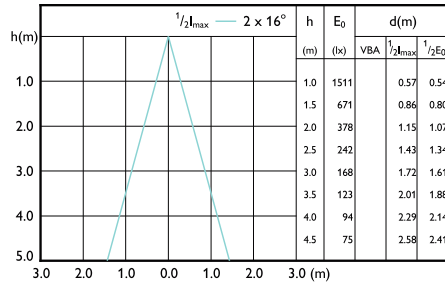


Accent Diagram - MAS LED  
ExpertColor 6.7-35W MR16 940 10D

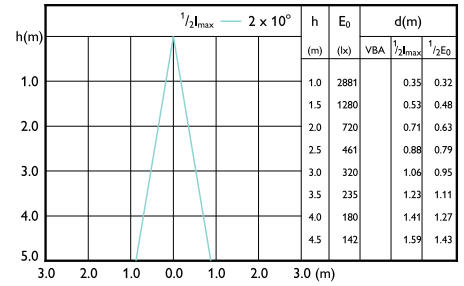
## Beam Diagrams



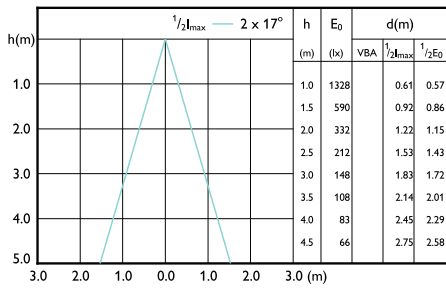
Beam diagram - MAS LED ExpertColor 6.7-35W  
MR16 940 10D



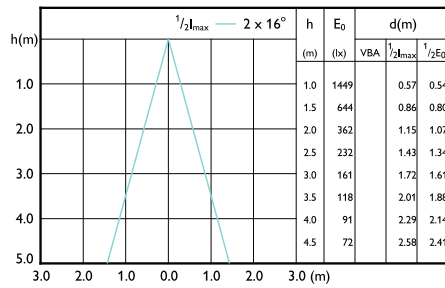
Beam diagram - MAS LED ExpertColor 6.7-35W  
MR16 940 36D



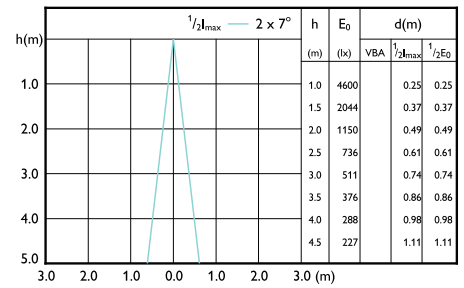
Beam diagram - MAS LED ExpertColor 6.7-35W  
MR16 930 24D



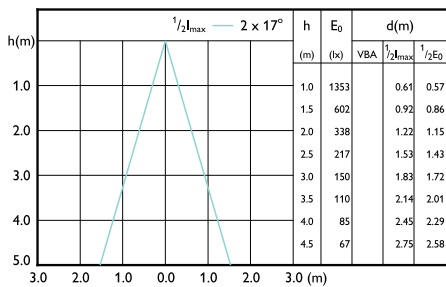
Beam diagram - MAS LED ExpertColor 7.5-43W  
MR16 927 36D



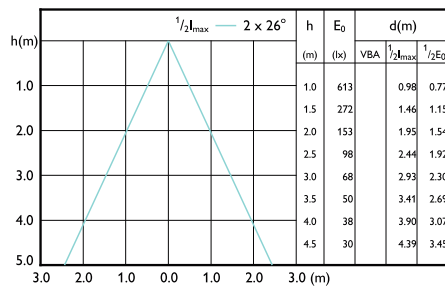
Beam diagram - MAS LED ExpertColor 6.7-35W  
MR16 930 36D



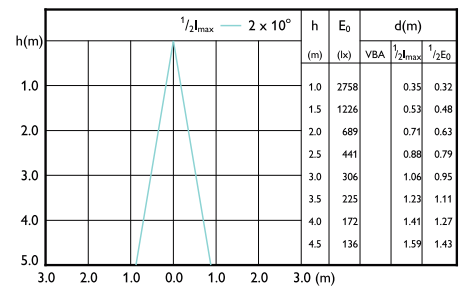
Beam diagram - MAS LED ExpertColor 6.7-35W  
MR16 927 10D



Beam diagram - MAS LED ExpertColor 7.5-43W  
MR16 930 36D



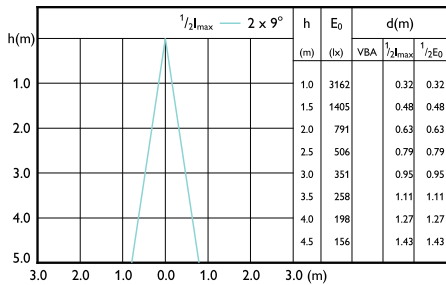
Beam diagram - MAS LED ExpertColor 6.7-35W  
MR16 940 60D



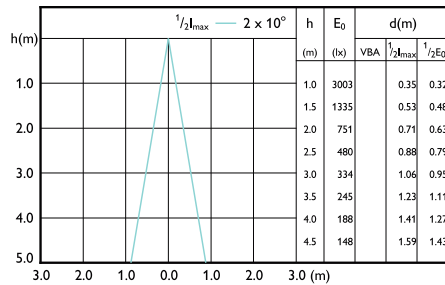
Beam diagram - MAS LED ExpertColor 6.7-35W  
MR16 927 24D



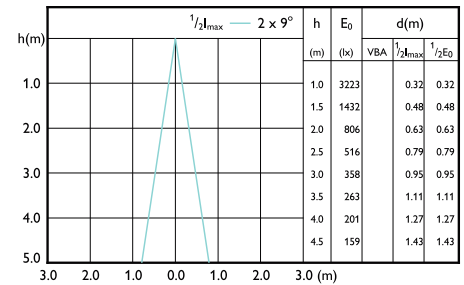
## Beam Diagrams



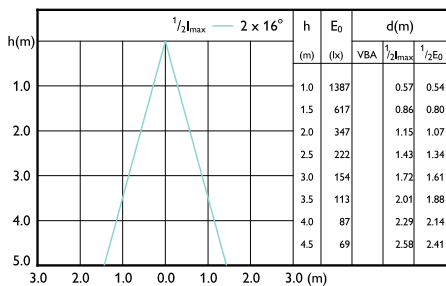
Beam diagram - MAS LED ExpertColor 7.5-43W  
MR16 927 24D



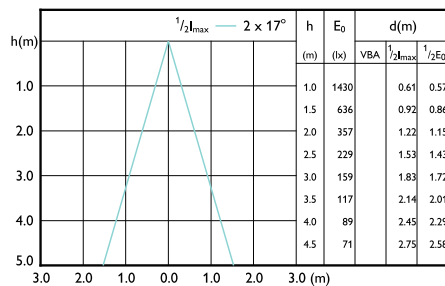
Beam diagram - MAS LED ExpertColor 6.7-35W  
MR16 940 24D



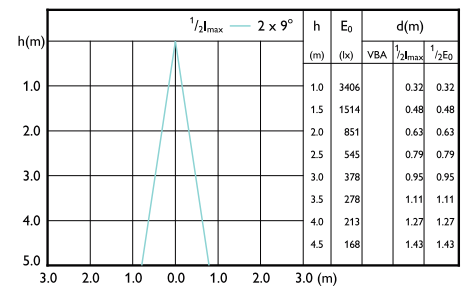
Beam diagram - MAS LED ExpertColor 7.5-43W  
MR16 930 24D



Beam diagram - MAS LED ExpertColor 6.7-35W  
MR16 927 36D



Beam diagram - MAS LED ExpertColor 7.5-43W  
MR16 940 36D



Beam diagram - MAS LED ExpertColor 7.5-43W  
MR16 940 24D

