



Create a warm, welcoming ambience with superior-quality lighting

MASTER LED spot 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

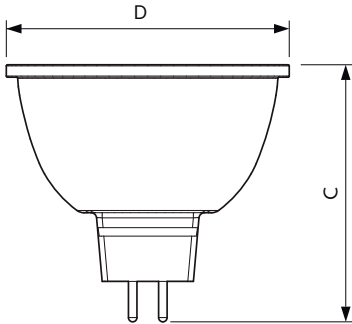
- Customised colour spectrum replicates halogen light colour
- Trimless design with beautiful V-groove lens
- Best-in-class colour realisation CRI97, R9>85
- Deep and smooth dimming with broad transformer compatibility
- Retrofit with low-voltage MR16 halogen lamps with GU5.3 socket

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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 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 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

Lamp Finish	Clear
Bulb shape	MR16

Approval and Application

Ambient temperature range	-20 to +45 °C
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Light Technical (1/2)

Order Code	Full Product Name	Beam angle (nom.)	Correlated		
			Colour Temperature (Nom)	Colour rendering index (CRI)	Colour Code
929003078802	MAS LED ExpertColor 6.7-35W MR16 927 10D	10 degree(s)	2700 K	97	927
929003078902	MAS LED ExpertColor 6.7-35W MR16 930 10D	10 degree(s)	3000 K	97	930
929003079002	MAS LED ExpertColor 6.7-35W MR16 940 10D	10 degree(s)	4000 K	97	940
929003079702	MAS LED ExpertColor 7.5-43W MR16 927 24D	24 degree(s)	2700 K	92	927
929003079802	MAS LED ExpertColor 7.5-43W MR16 930 24D	24 degree(s)	3000 K	92	930
929003079902	MAS LED ExpertColor 7.5-43W MR16 940 24D	24 degree(s)	4000 K	92	940
929003080002	MAS LED ExpertColor 7.5-43W MR16 927 36D	36 degree(s)	2700 K	92	927
929003080102	MAS LED ExpertColor 7.5-43W MR16 930 36D	36 degree(s)	3000 K	92	930
929003080202	MAS LED ExpertColor 7.5-43W MR16 940 36D	36 degree(s)	4000 K	92	940
929003079102	MAS LED ExpertColor 6.7-35W MR16 927 24D	24 degree(s)	2700 K	97	927

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Order Code	Full Product Name	Beam angle (nom.)	Correlated	Colour rendering index (CRI)	Colour Code
			Colour Temperature (Nom)		
929003079202	MAS LED ExpertColor 6.7-35W MR16 930 24D	24 degree(s)	3000 K	97	930
929003079302	MAS LED ExpertColor 6.7-35W MR16 940 24D	24 degree(s)	4000 K	97	940
929003079402	MAS LED ExpertColor 6.7-35W MR16 927 36D	36 degree(s)	2700 K	97	927
929003079502	MAS LED ExpertColor 6.7-35W MR16 930 36D	36 degree(s)	3000 K	97	930
929003079602	MAS 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 intensity (nom.)
929003078802	MAS LED ExpertColor 6.7-35W MR16 927 10D	410 lm	4,600 cd
929003078902	MAS LED ExpertColor 6.7-35W MR16 930 10D	430 lm	4,800 cd
929003079002	MAS LED ExpertColor 6.7-35W MR16 940 10D	440 lm	4,800 cd
929003079702	MAS LED ExpertColor 7.5-43W MR16 927 24D	485 lm	2,400 cd
929003079802	MAS LED ExpertColor 7.5-43W MR16 930 24D	500 lm	2,600 cd
929003079902	MAS LED ExpertColor 7.5-43W MR16 940 24D	520 lm	2,800 cd
929003080002	MAS LED ExpertColor 7.5-43W MR16 927 36D	485 lm	1,400 cd
929003080102	MAS LED ExpertColor 7.5-43W MR16 930 36D	500 lm	1,550 cd

Order Code	Full Product Name	Luminous Flux	Luminous intensity (nom.)
929003080202	MAS LED ExpertColor 7.5-43W MR16 940 36D	520 lm	1,650 cd
929003079102	MAS LED ExpertColor 6.7-35W MR16 927 24D	420 lm	2,100 cd
929003079202	MAS LED ExpertColor 6.7-35W MR16 930 24D	440 lm	2,200 cd
929003079302	MAS LED ExpertColor 6.7-35W MR16 940 24D	460 lm	2,200 cd
929003079402	MAS LED ExpertColor 6.7-35W MR16 927 36D	420 lm	1,300 cd
929003079502	MAS LED ExpertColor 6.7-35W MR16 930 36D	440 lm	1,400 cd
929003079602	MAS LED ExpertColor 6.7-35W MR16 940 36D	460 lm	1,400 cd

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Wattage equivalent
929003078802	MAS LED ExpertColor 6.7-35W MR16 927 10D	6.7 W	35 W
929003078902	MAS LED ExpertColor 6.7-35W MR16 930 10D	6.7 W	35 W
929003079002	MAS LED ExpertColor 6.7-35W MR16 940 10D	6.7 W	35 W
929003079702	MAS LED ExpertColor 7.5-43W MR16 927 24D	7.5 W	43 W
929003079802	MAS LED ExpertColor 7.5-43W MR16 930 24D	7.5 W	43 W

Order Code	Full Product Name	Power Consumption	Wattage equivalent
929003079902	MAS LED ExpertColor 7.5-43W MR16 940 24D	7.5 W	43 W
929003080002	MAS LED ExpertColor 7.5-43W MR16 927 36D	7.5 W	43 W
929003080102	MAS LED ExpertColor 7.5-43W MR16 930 36D	7.5 W	43 W
929003080202	MAS LED ExpertColor 7.5-43W MR16 940 36D	7.5 W	43 W
929003079102	MAS LED ExpertColor 6.7-35W MR16 927 24D	6.7 W	35 W

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Order Code	Full Product Name	Power Consumption	Wattage equivalent
929003079202	MAS LED ExpertColor 6.7-35W MR16 930 24D	6.7 W	35 W
929003079302	MAS LED ExpertColor 6.7-35W MR16 940 24D	6.7 W	35 W
929003079402	MAS LED ExpertColor 6.7-35W MR16 927 36D	6.7 W	35 W

Order Code	Full Product Name	Power Consumption	Wattage equivalent
929003079502	MAS LED ExpertColor 6.7-35W MR16 930 36D	6.7 W	35 W
929003079602	MAS LED ExpertColor 6.7-35W MR16 940 36D	6.7 W	35 W

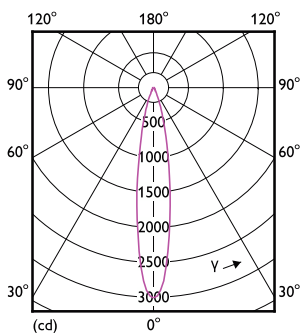
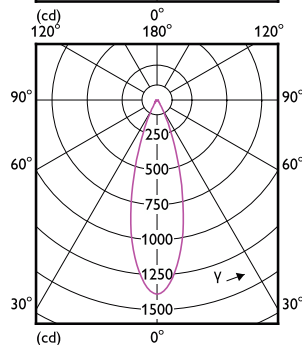
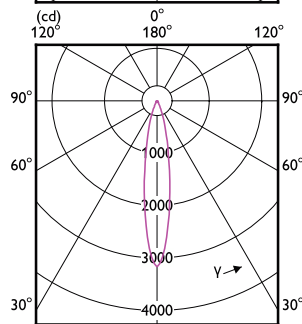
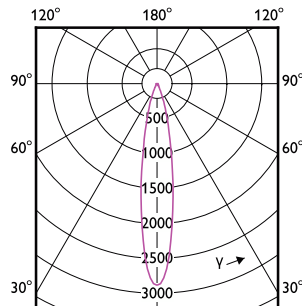
Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
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929003078902	MAS LED ExpertColor 6.7-35W MR16 930 10D	92 °C
929003079002	MAS LED ExpertColor 6.7-35W MR16 940 10D	92 °C
929003079702	MAS LED ExpertColor 7.5-43W MR16 927 24D	93 °C
929003079802	MAS LED ExpertColor 7.5-43W MR16 930 24D	93 °C
929003079902	MAS LED ExpertColor 7.5-43W MR16 940 24D	93 °C
929003080002	MAS LED ExpertColor 7.5-43W MR16 927 36D	93 °C
929003080102	MAS LED ExpertColor 7.5-43W MR16 930 36D	93 °C

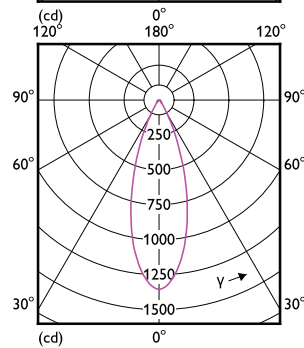
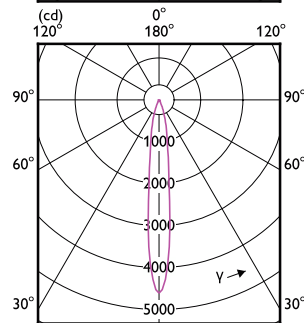
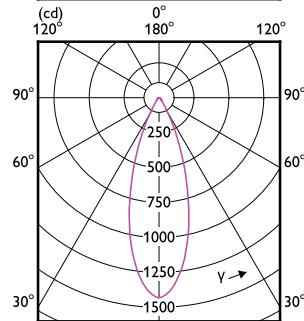
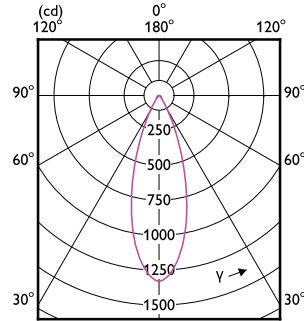
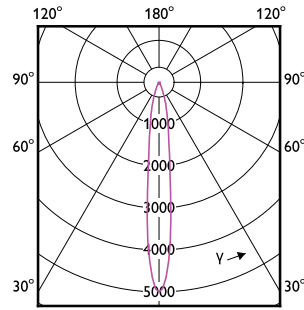
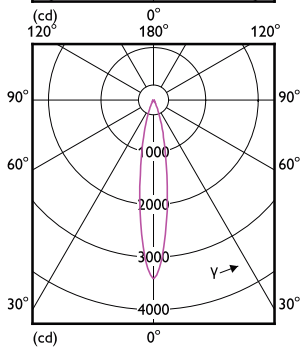
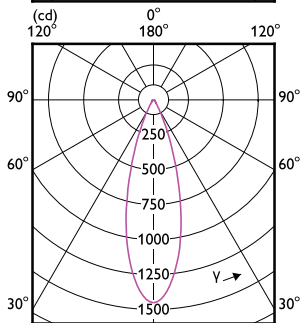
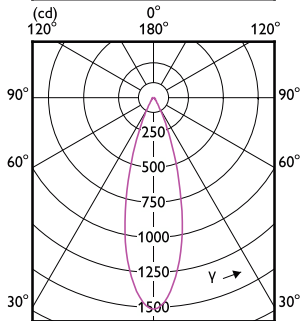
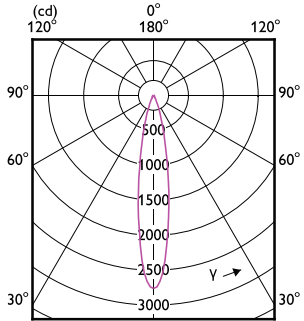
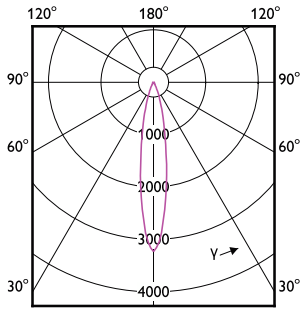
Order Code	Full Product Name	T-Case maximum (nom.)
929003080202	MAS LED ExpertColor 7.5-43W MR16 940 36D	93 °C
929003079102	MAS LED ExpertColor 6.7-35W MR16 927 24D	92 °C
929003079202	MAS LED ExpertColor 6.7-35W MR16 930 24D	92 °C
929003079302	MAS LED ExpertColor 6.7-35W MR16 940 24D	92 °C
929003079402	MAS LED ExpertColor 6.7-35W MR16 927 36D	92 °C
929003079502	MAS LED ExpertColor 6.7-35W MR16 930 36D	92 °C
929003079602	MAS LED ExpertColor 6.7-35W MR16 940 36D	92 °C

Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours
929003078802	MAS LED ExpertColor 6.7-35W MR16 927 10D	7 kWh
929003078902	MAS LED ExpertColor 6.7-35W MR16 930 10D	7 kWh
929003079002	MAS LED ExpertColor 6.7-35W MR16 940 10D	7 kWh
929003079702	MAS LED ExpertColor 7.5-43W MR16 927 24D	8 kWh
929003079802	MAS LED ExpertColor 7.5-43W MR16 930 24D	8 kWh
929003079902	MAS LED ExpertColor 7.5-43W MR16 940 24D	8 kWh
929003080002	MAS LED ExpertColor 7.5-43W MR16 927 36D	8 kWh
929003080102	MAS LED ExpertColor 7.5-43W MR16 930 36D	8 kWh
929003080202	MAS LED ExpertColor 7.5-43W MR16 940 36D	8 kWh
929003079102	MAS LED ExpertColor 6.7-35W MR16 927 24D	7 kWh
929003079202	MAS LED ExpertColor 6.7-35W MR16 930 24D	7 kWh
929003079302	MAS LED ExpertColor 6.7-35W MR16 940 24D	7 kWh
929003079402	MAS LED ExpertColor 6.7-35W MR16 927 36D	7 kWh
929003079502	MAS LED ExpertColor 6.7-35W MR16 930 36D	7 kWh
929003079602	MAS LED ExpertColor 6.7-35W MR16 940 36D	7 kWh

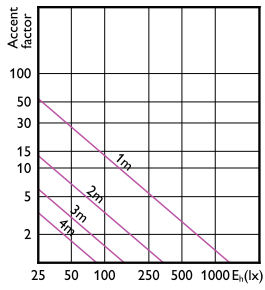


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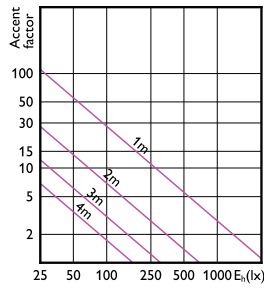


MASTER LED spot ExpertColor LV

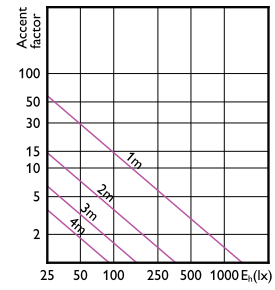
Accent Diagrams



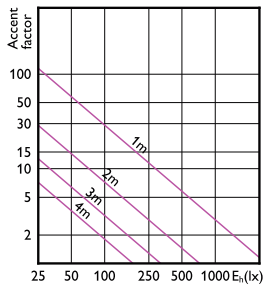
Accent Diagram - MAS LED ExpertColor
7.5-43W MR16 930 36D



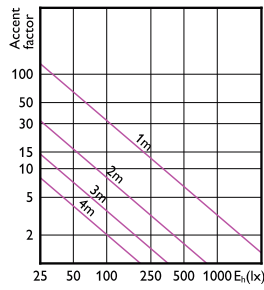
Accent Diagram - MAS LED
ExpertColor 6.7-35W MR16 927 24D



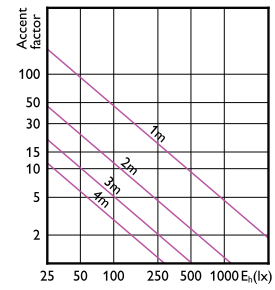
Accent Diagram - MAS LED ExpertColor
6.7-35W MR16 930 36D



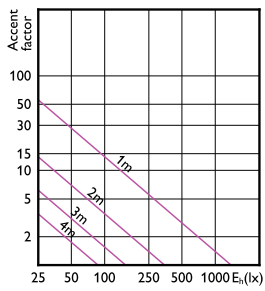
Accent Diagram - MAS LED
ExpertColor 6.7-35W MR16 930 24D



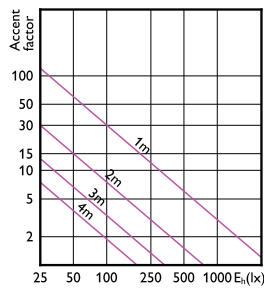
Accent Diagram - MAS LED ExpertColor
7.5-43W MR16 930 24D



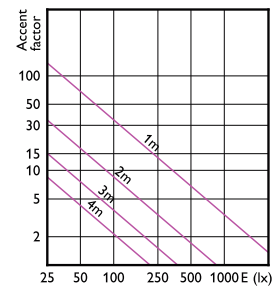
Accent Diagram - MAS LED
ExpertColor 6.7-35W MR16 927 10D



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



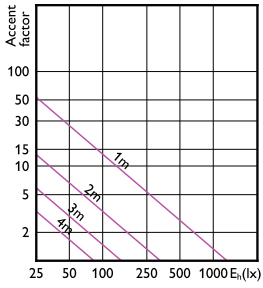
Accent Diagram - MAS LED
ExpertColor 6.7-35W MR16 940 24D



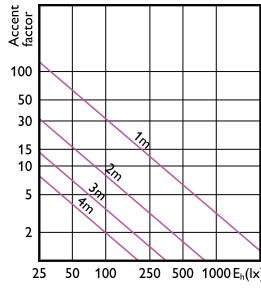
Accent Diagram - MAS LED ExpertColor
7.5-43W MR16 940 24D

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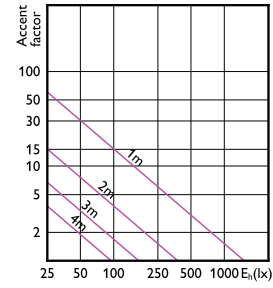
Accent Diagrams



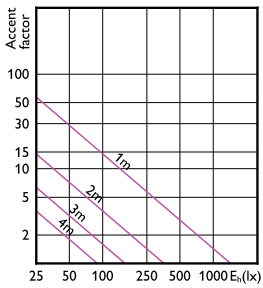
Accent Diagram - MAS LED ExpertColor
7.5-43W MR16 927 36D



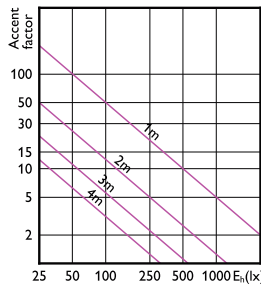
Accent Diagram - MAS LED
ExpertColor 7.5-43W MR16 927 24D



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

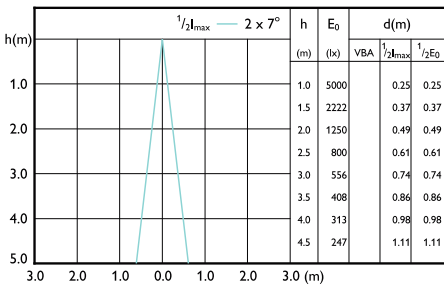


Accent Diagram - MAS LED ExpertColor
7.5-43W MR16 940 36D

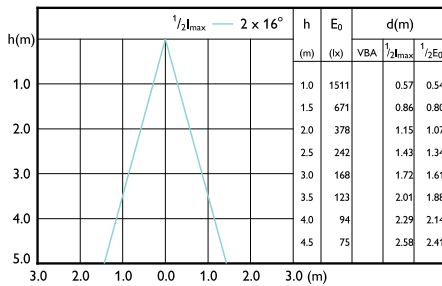


Accent Diagram - MAS LED
ExpertColor 6.7-35W MR16 930 10D

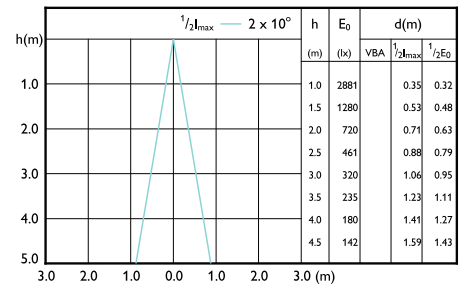
Beam Diagrams



Beam diagram - MAS LED ExpertColor 6.7-35W
MR16 930 10D



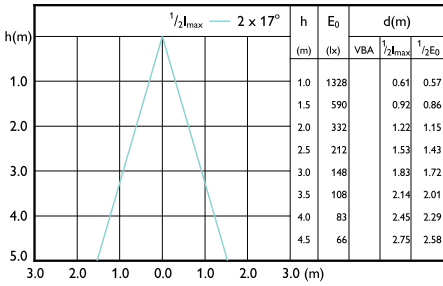
Beam diagram - MAS LED ExpertColor 6.7-35W
MR16 940 36D



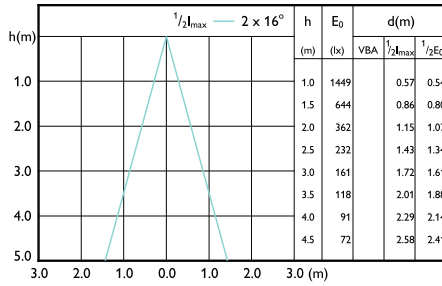
Beam diagram - MAS LED ExpertColor 6.7-35W
MR16 930 24D

MASTER LED spot ExpertColor LV

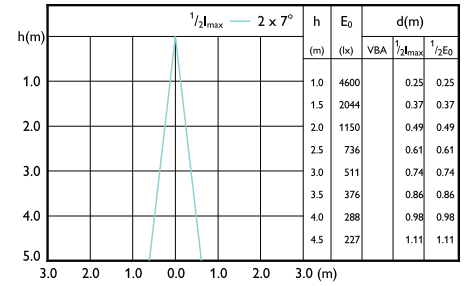
Beam Diagrams



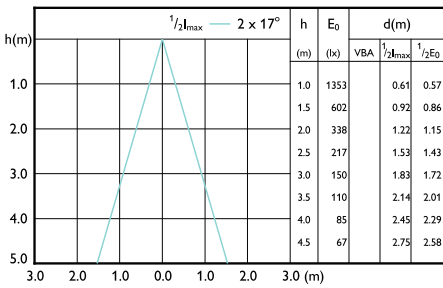
Beam diagram - MAS LED ExpertColor 7.5-43W
MR16 927 36D



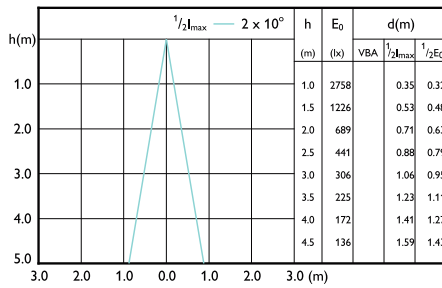
Beam diagram - MAS LED ExpertColor 6.7-35W
MR16 930 36D



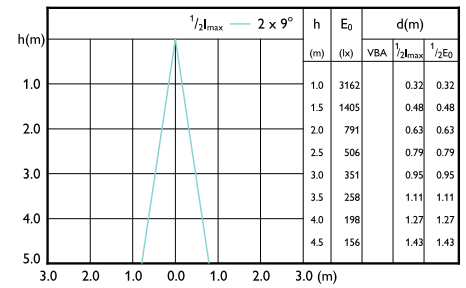
Beam diagram - MAS LED ExpertColor 6.7-35W
MR16 927 10D



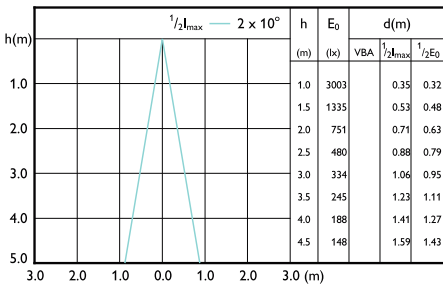
Beam diagram - MAS LED ExpertColor 7.5-43W
MR16 930 36D



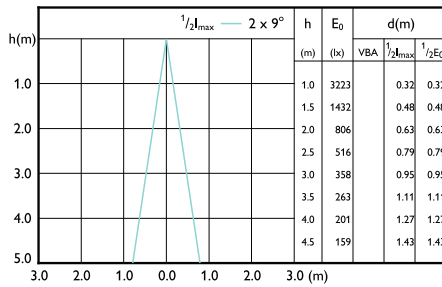
Beam diagram - MAS LED ExpertColor 6.7-35W
MR16 927 24D



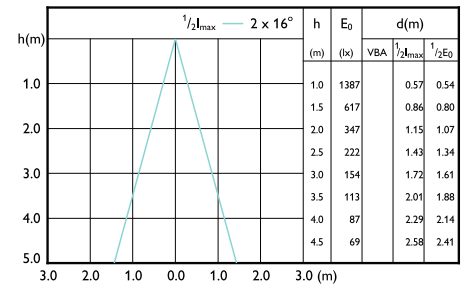
Beam diagram - MAS LED ExpertColor 7.5-43W
MR16 927 24D



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



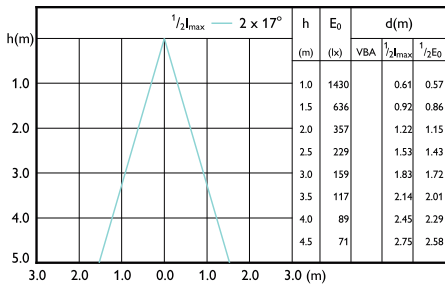
Beam diagram - MAS LED ExpertColor 7.5-43W
MR16 930 24D



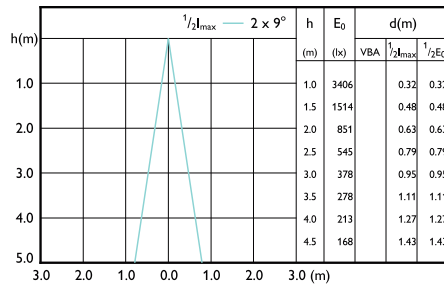
Beam diagram - MAS LED ExpertColor 6.7-35W
MR16 927 36D

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Beam Diagrams



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



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

