



# Create a warm, welcoming ambience with superior quality lighting

## MASTER LEDspot ExpertColor MV

MASTER LEDspot MV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates such an ambience with superior lighting that has a customized spectrum, high CRI, and deep dimming feature. 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
- Interior decor, furnishings and fabrics look great
- Hassle-free retrofit solution for greater energy efficiency and sustainability

### Features

- Customized color spectrum replicates halogen light color
- Trimless design with beautiful V-groove lens
- Best-in-class color realization CRI97, R9>85
- Deep and smooth dimming
- Retrofittable with main-voltage GU10 halogen lamps

## MASTER LEDspot ExpertColor MV

### Application

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

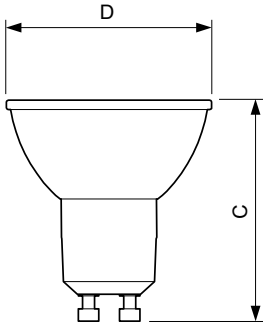
### Versions



GU10 PAR16

# MASTER LEDspot ExpertColor MV

## Dimensional drawing



Product	D	C
MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 927 25D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 24D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 940 25D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 927 36D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 930 36D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 940 36D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 25D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 25D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 36D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 940 25D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 36D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 940 36D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 36D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 36D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 24D	50 mm	54 mm
MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 930 25D	50 mm	54 mm

# MASTER LEDspot ExpertColor MV

## Approval and Application

Energy Efficiency Label (EEL) A+

## Controls and Dimming

Dimmable Yes

## Operating and Electrical

Input Frequency 50 to 60 Hz

Voltage (Nom) 220-240 V

Starting Time (Nom) 0.5 s

## General Information

Cap-Base GU10

Nominal Lifetime (Nom) 40000 h

Switching Cycle 50000X

## Light Technical

Color Rendering Index (Nom) 97

Llmf At End Of Nominal Lifetime (Nom) 70 %

## Mechanical and Housing

Bulb Shape PAR16

## Temperature

T-Case Maximum (Nom) 80 °C

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001346402	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 927 25D	4 kWh
929001346502	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 930 25D	4 kWh
929001346602	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 940 25D	4 kWh
929001346702	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 927 36D	4 kWh
929001346802	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 930 36D	4 kWh
929001346902	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 940 36D	4 kWh
929001347002	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 25D	6 kWh
929001347008	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 24D	6 kWh
929001347102	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 25D	6 kWh
929001347108	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 24D	6 kWh
929001347202	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 940 25D	6 kWh
929001347302	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 36D	6 kWh
929001347308	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 36D	6 kWh
929001347402	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 36D	6 kWh
929001347408	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 36D	6 kWh
929001347502	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 940 36D	6 kWh

## Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001346402	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 927 25D	35 W	3.9 W
929001346502	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 930 25D	35 W	3.9 W
929001346602	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 940 25D	35 W	3.9 W
929001346702	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 927 36D	35 W	3.9 W
929001346802	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 930 36D	35 W	3.9 W

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001346902	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 940 36D	35 W	3.9 W
929001347002	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 25D	50 W	5.5 W
929001347008	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 24D	50 W	5.5 W
929001347102	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 25D	50 W	5.5 W
929001347108	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 24D	50 W	5.5 W

## MASTER LEDspot ExpertColor MV

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001347202	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 940 25D	50 W	5.5 W
929001347302	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 36D	50 W	5.5 W
929001347308	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 36D	50 W	5.5 W

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001347402	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 36D	50 W	5.5 W
929001347408	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 36D	50 W	5.5 W
929001347502	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 940 36D	50 W	5.5 W

### Light Technical (1/2)

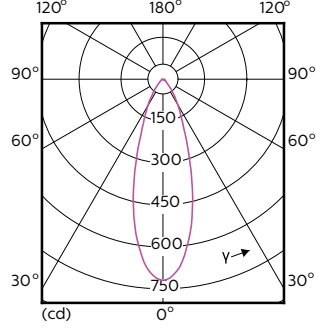
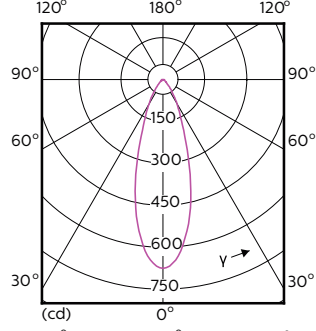
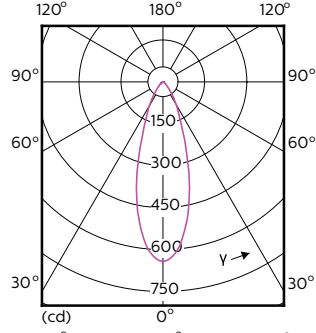
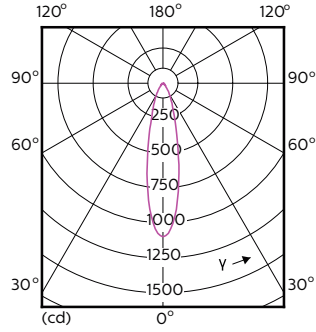
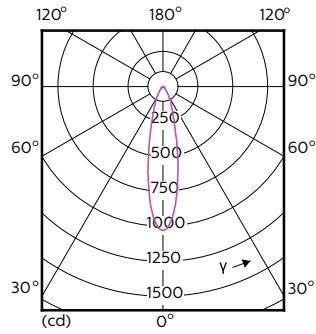
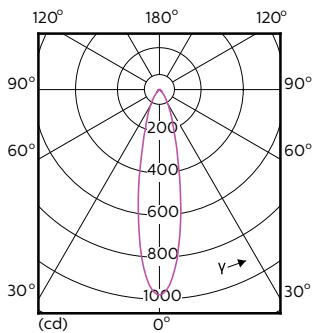
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			Color Code	Temperature (Nom)	
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929001346502	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 930 25D	25 °	930	3000 K	280 lm
929001346602	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 940 25D	25 °	940	4000 K	300 lm
929001346702	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 927 36D	36 °	927	2700 K	265 lm
929001346802	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 930 36D	36 °	930	3000 K	280 lm
929001346902	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 940 36D	36 °	940	4000 K	300 lm
929001347002	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 25D	25 °	927	2700 K	355 lm
929001347008	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 24D	24 °	927	2700 K	385 lm
929001347102	MASTER LED ExpertColor LED	25 °	930	3000 K	375 lm

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		Luminous Flux (Nom)
			Color Code	Temperature (Nom)	
	ExpertColor 5.5-50W GU10 930 25D				
929001347108	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 24D	24 °	930	3000 K	405 lm
929001347202	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 940 25D	25 °	940	4000 K	400 lm
929001347302	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 36D	36 °	927	2700 K	355 lm
929001347308	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 36D	36 °	927	2700 K	385 lm
929001347402	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 36D	36 °	930	3000 K	375 lm
929001347408	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 36D	36 °	930	3000 K	405 lm
929001347502	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 940 36D	36 °	940	4000 K	400 lm

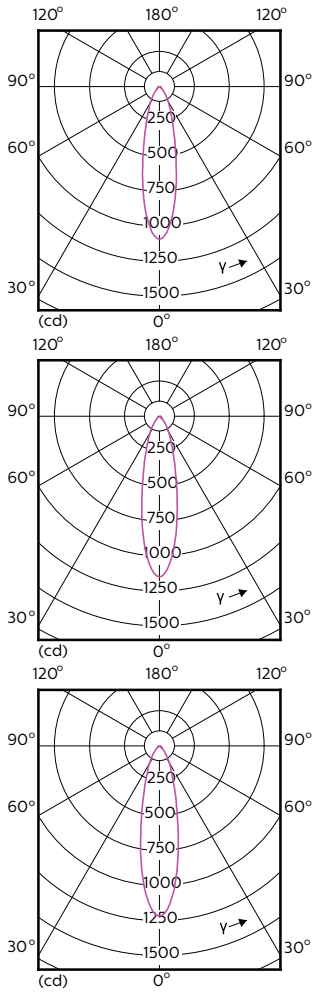
### Light Technical (2/2)

# MASTER LEDspot ExpertColor MV

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929001346502	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 930 25D	750 cd
929001346602	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 940 25D	800 cd
929001346702	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 927 36D	540 cd
929001346802	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 930 36D	560 cd
929001346902	MASTER LED ExpertColor LED ExpertColor 3.9-35W GU10 940 36D	600 cd
929001347002	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 25D	1000 cd
929001347008	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 24D	1000 cd
929001347102	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 25D	1000 cd
929001347108	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 24D	1000 cd
929001347202	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 940 25D	1050 cd
929001347302	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 36D	800 cd
929001347308	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 927 36D	800 cd
929001347402	MASTER LED ExpertColor LED ExpertColor 5.5-50W GU10 930 36D	800 cd
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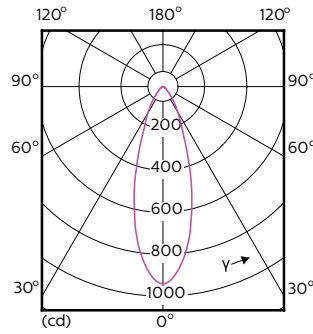
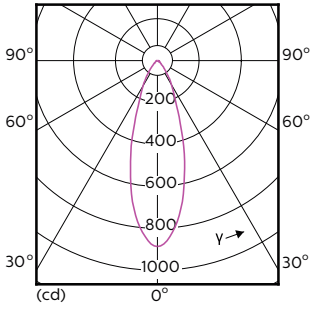
# MASTER LEDspot ExpertColor MV



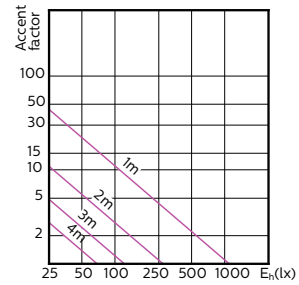
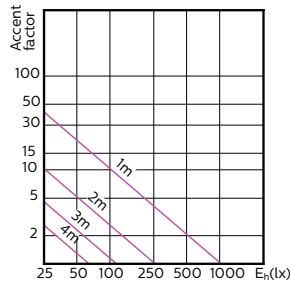
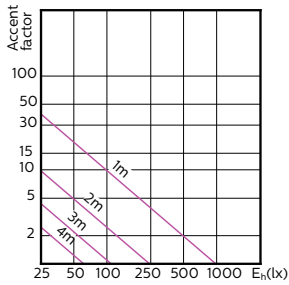
# 120°



# MASTER LEDspot ExpertColor MV



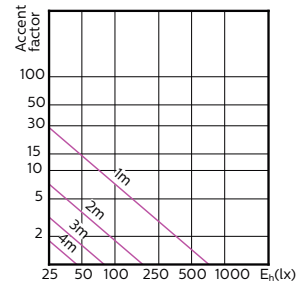
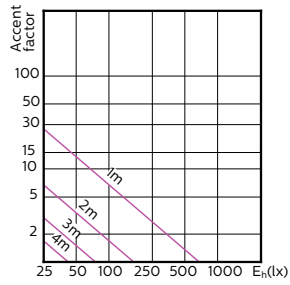
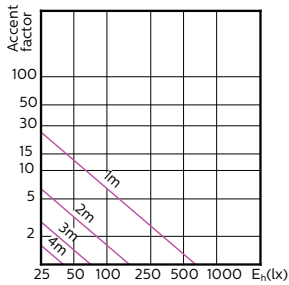
## Accent Diagrams



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927 25D

MASTER LEDspot ExpertColor MV 35W GU10  
930 25D

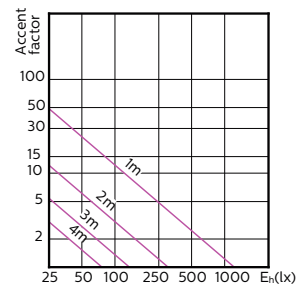
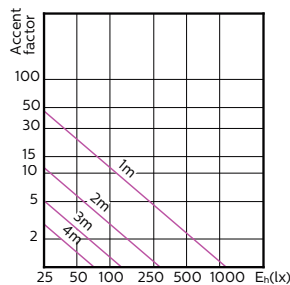
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940 25D



MASTER LEDspot ExpertColor MV 35W GU10  
927 36D

MASTER LEDspot ExpertColor MV 35W GU10  
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MASTER LEDspot ExpertColor MV 35W GU10  
940 36D



MASTER LEDspot ExpertColor MV 50W GU10  
927 25D

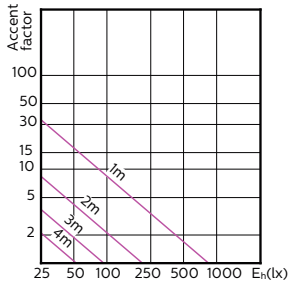
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# MASTER LEDspot ExpertColor MV

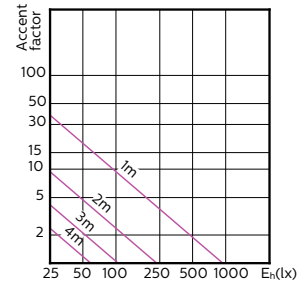
## Accent Diagrams



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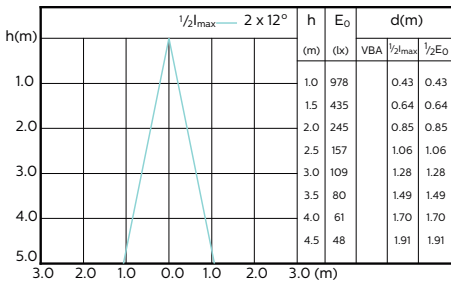


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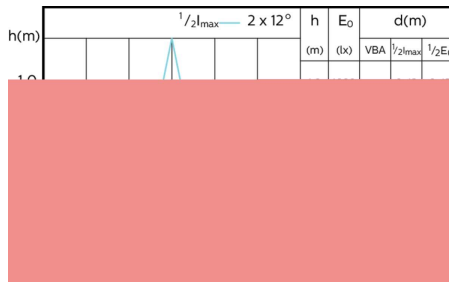


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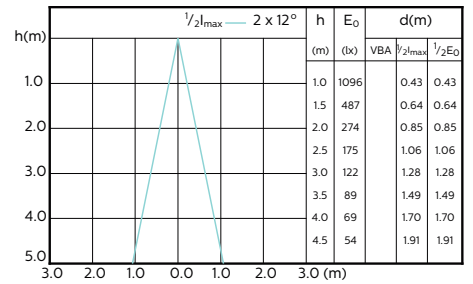
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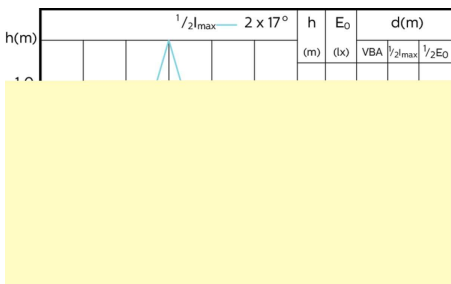
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927 25D



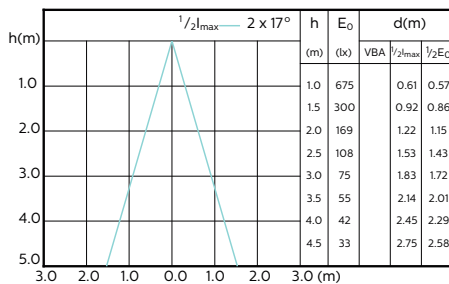
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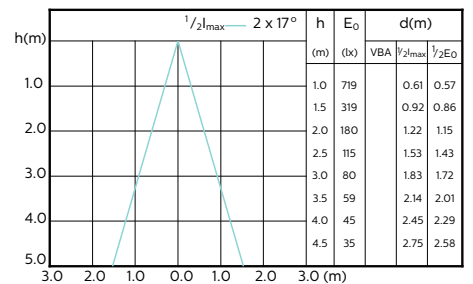
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MASTER LEDspot ExpertColor MV 35W GU10  
927 36D



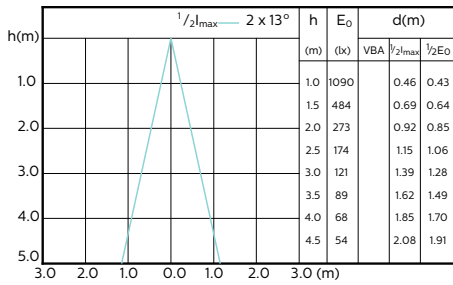
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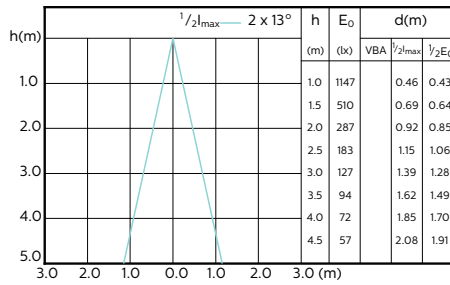
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# MASTER LEDspot ExpertColor MV

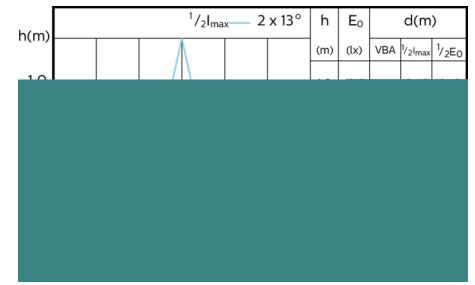
## Beam Diagrams



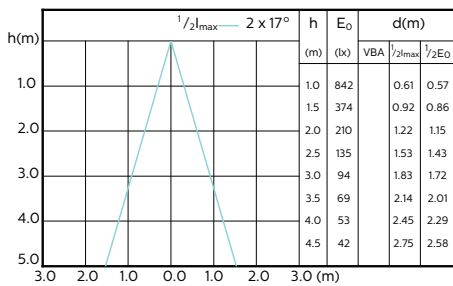
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927 25D**



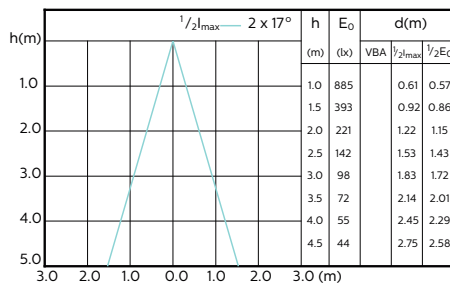
**MASTER LEDspot ExpertColor MV 50W GU10  
930 25D**



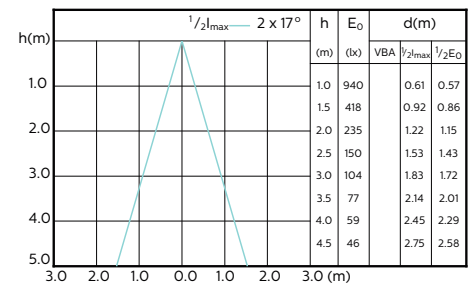
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940 25D**



**MASTER LEDspot ExpertColor MV 50W GU10  
927 36D**



**MASTER LEDspot ExpertColor MV 50W GU10  
930 36D**



**MASTER LEDspot ExpertColor MV 50W GU10  
940 36D**

