



# Voor topprestaties en duurzaamheid

## MASTER LED-spot ExpertColor MV

De MASTER LEDspot ExpertColor creëert een warme en gezellige sfeer in horecagelegenheden, woningen en restaurants dankzij de toepassing van superieure verlichting met een aangepast spectrum, een hoge CRI en een sterke dimfunctie. Het resultaat is een prachtige verlichtingsbeleving met een innovatief, tijdloos lensontwerp dat in vrijwel elk interieur past met zijn rustige en nette uitstraling. Daarnaast kan je met MASTER LEDspot ExpertColor gebruikmaken van de volledige ExpertColor-familie, waaronder de LEDspot MR16, LEDspot AR111 en de LEDspot PAR-lampen. De MASTER LEDspot ExpertColor levert een aanzienlijke energiebesparing op met minimale onderhoudskosten zonder in te leveren op de lichtkwaliteit en levensduur van de lamp. Huis- en bedrijfseigenaren kunnen daardoor hun investering in korte tijd terugverdienen.

### Voordelen

- Creëer een warme en comfortabele ambiance met MASTER LED GU10
- Simpele retrofit-oplossing voor een grotere energiebesparing en verbeterde duurzaamheid
- Het interieur met meubels en textiel ziet er geweldig uit

### Kenmerken

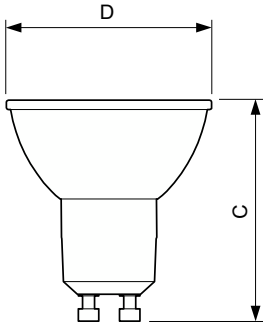
- Aangepast kleurspectrum bootst de lichtkleur van halogeenlampen na
- Beste kleurweergave in zijn klasse, CRI 97, R9>85
- Directe vervanging voor GU10-netspanningshalogeenlampen
- Diep en vloeiend dimmen, compatibel met breed scala aan transformatoren

### Toepassing

- Hotels, cafés, restaurants
- Winkels
- Woningen

# MASTER LED-spot ExpertColor MV

## Maatschets



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

### Algemene informatie

Lampvoet	GU10
Schakelcyclus	50.000
Nominale levensduur	40.000 hr

### Gegevens lichttechniek

Kleurweergave-index (CRI)	97
LLMF bij einde nominale levensduur (nom.)	70 %

### Bedrijfs- en elektrische gegevens

Ingangsfrequentie	50 tot 60 Hz
Ingangsfrequentie	50 to 60 Hz
Opstarttijd (nom.)	0,5 s

### Dimbaarheid en regelsystemen

Dimbaar	Alleen met specifieke dimmers
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### Eigenschappen behuizing en afmetingen

Lampafwerking	Helder
Lampvorm	PAR16

## Gegevens lichttechniek (1/2)

Order Code	Full Product Name	Bundelhoek (nom.)	Gecorreleerde kleurtemperatuur (nom.)	Kleurcode	Lichtstroom
8718696707494	MAS LED ExpertColor 3.9-35W GU10 927 25D	25 graden	2700 K	927	265 lm
8718696707517	MAS LED ExpertColor 3.9-35W GU10 930 25D	25 graden	3000 K	930	280 lm
8718696707555	MAS LED ExpertColor 3.9-35W GU10 927 36D	36 graden	2700 K	927	265 lm
8718696707579	MAS LED ExpertColor 3.9-35W GU10 930 36D	36 graden	3000 K	930	280 lm
8718696707593	MAS LED ExpertColor 3.9-35W GU10 940 36D	36 graden	4000 K	940	300 lm
8718696707616	MAS LED ExpertColor 5.5-50W GU10 927 25D	25 graden	2700 K	927	355 lm
8718696707630	MAS LED ExpertColor 5.5-50W GU10 930 25D	25 graden	3000 K	930	375 lm
8718696707654	MAS LED ExpertColor 5.5-50W GU10 940 25D	25 graden	4000 K	940	400 lm
8718696707678	MAS LED ExpertColor 5.5-50W GU10 927 36D	36 graden	2700 K	927	355 lm
8718696707692	MAS LED ExpertColor 5.5-50W GU10 930 36D	36 graden	3000 K	930	375 lm
8718696707715	MAS LED ExpertColor 5.5-50W GU10 940 36D	36 graden	4000 K	940	400 lm

## Gegevens lichttechniek (2/2)

Order Code	Full Product Name	Lichtsterkte (nom.)	Order Code	Full Product Name	Lichtsterkte (nom.)
8718696707494	MAS LED ExpertColor 3.9-35W GU10 927 25D	800 cd	8718696707630	MAS LED ExpertColor 5.5-50W GU10 930 25D	1130 cd
8718696707517	MAS LED ExpertColor 3.9-35W GU10 930 25D	850 cd	8718696707654	MAS LED ExpertColor 5.5-50W GU10 940 25D	1200 cd
8718696707555	MAS LED ExpertColor 3.9-35W GU10 927 36D	650 cd	8718696707678	MAS LED ExpertColor 5.5-50W GU10 927 36D	850 cd
8718696707579	MAS LED ExpertColor 3.9-35W GU10 930 36D	680 cd	8718696707692	MAS LED ExpertColor 5.5-50W GU10 930 36D	880 cd
8718696707593	MAS LED ExpertColor 3.9-35W GU10 940 36D	680 cd	8718696707715	MAS LED ExpertColor 5.5-50W GU10 940 36D	940 cd
8718696707616	MAS LED ExpertColor 5.5-50W GU10 927 25D	1.050 cd			

# MASTER LED-spot ExpertColor MV

## Bedrijfs- en elektrische gegevens

Order Code	Full Product Name	Overeenkomstig	
		Energieverbruik	vermogen
8718696707494	MAS LED ExpertColor 3.9-35W GU10 927 25D	3,9 W	35 W
8718696707517	MAS LED ExpertColor 3.9-35W GU10 930 25D	3,9 W	35 W
8718696707555	MAS LED ExpertColor 3.9-35W GU10 927 36D	3,9 W	35 W
8718696707579	MAS LED ExpertColor 3.9-35W GU10 930 36D	3,9 W	35 W
8718696707593	MAS LED ExpertColor 3.9-35W GU10 940 36D	3,9 W	35 W
8718696707616	MAS LED ExpertColor 5.5-50W GU10 927 25D	5,5 W	50 W

Order Code	Full Product Name	Overeenkomstig	
		Energieverbruik	vermogen
8718696707630	MAS LED ExpertColor 5.5-50W GU10 930 25D	5,5 W	50 W
8718696707654	MAS LED ExpertColor 5.5-50W GU10 940 25D	5,5 W	50 W
8718696707678	MAS LED ExpertColor 5.5-50W GU10 927 36D	5,5 W	50 W
8718696707692	MAS LED ExpertColor 5.5-50W GU10 930 36D	5,5 W	50 W
8718696707715	MAS LED ExpertColor 5.5-50W GU10 940 36D	5,5 W	50 W

## Operationele temperatuur

Order Code	Full Product Name	T-behuizing maximaal
		(nom.)
8718696707494	MAS LED ExpertColor 3.9-35W GU10 927 25D	56 °C
8718696707517	MAS LED ExpertColor 3.9-35W GU10 930 25D	56 °C
8718696707555	MAS LED ExpertColor 3.9-35W GU10 927 36D	56 °C
8718696707579	MAS LED ExpertColor 3.9-35W GU10 930 36D	56 °C
8718696707593	MAS LED ExpertColor 3.9-35W GU10 940 36D	56 °C
8718696707616	MAS LED ExpertColor 5.5-50W GU10 927 25D	66 °C

Order Code	Full Product Name	T-behuizing maximaal
		(nom.)
8718696707630	MAS LED ExpertColor 5.5-50W GU10 930 25D	66 °C
8718696707654	MAS LED ExpertColor 5.5-50W GU10 940 25D	66 °C
8718696707678	MAS LED ExpertColor 5.5-50W GU10 927 36D	66 °C
8718696707692	MAS LED ExpertColor 5.5-50W GU10 930 36D	66 °C
8718696707715	MAS LED ExpertColor 5.5-50W GU10 940 36D	66 °C

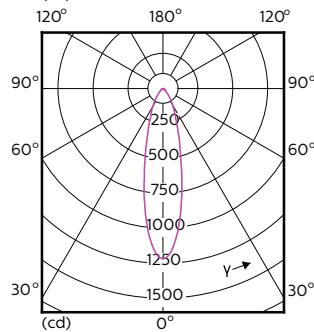
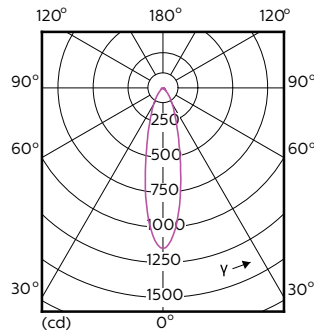
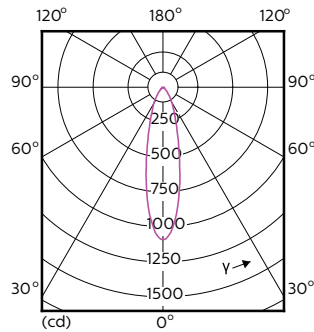
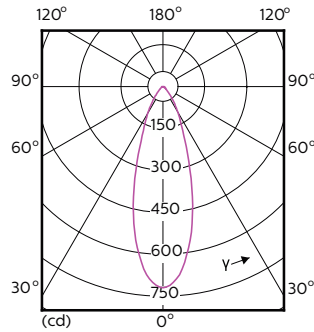
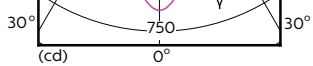
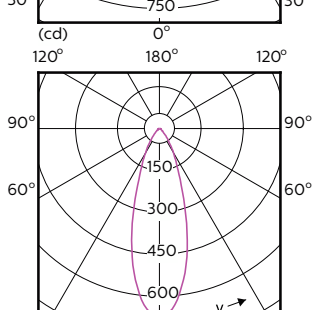
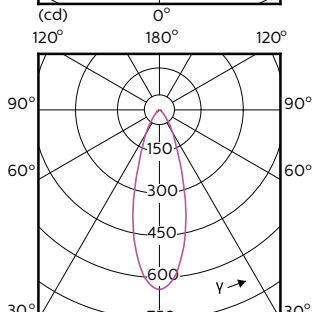
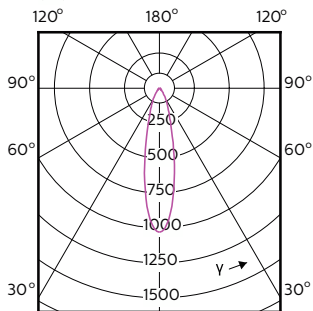
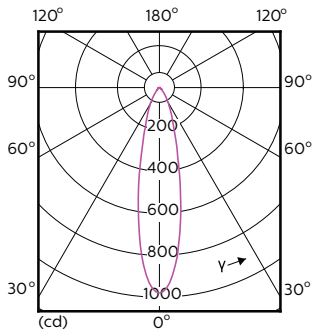
## Keurmerken en classificaties

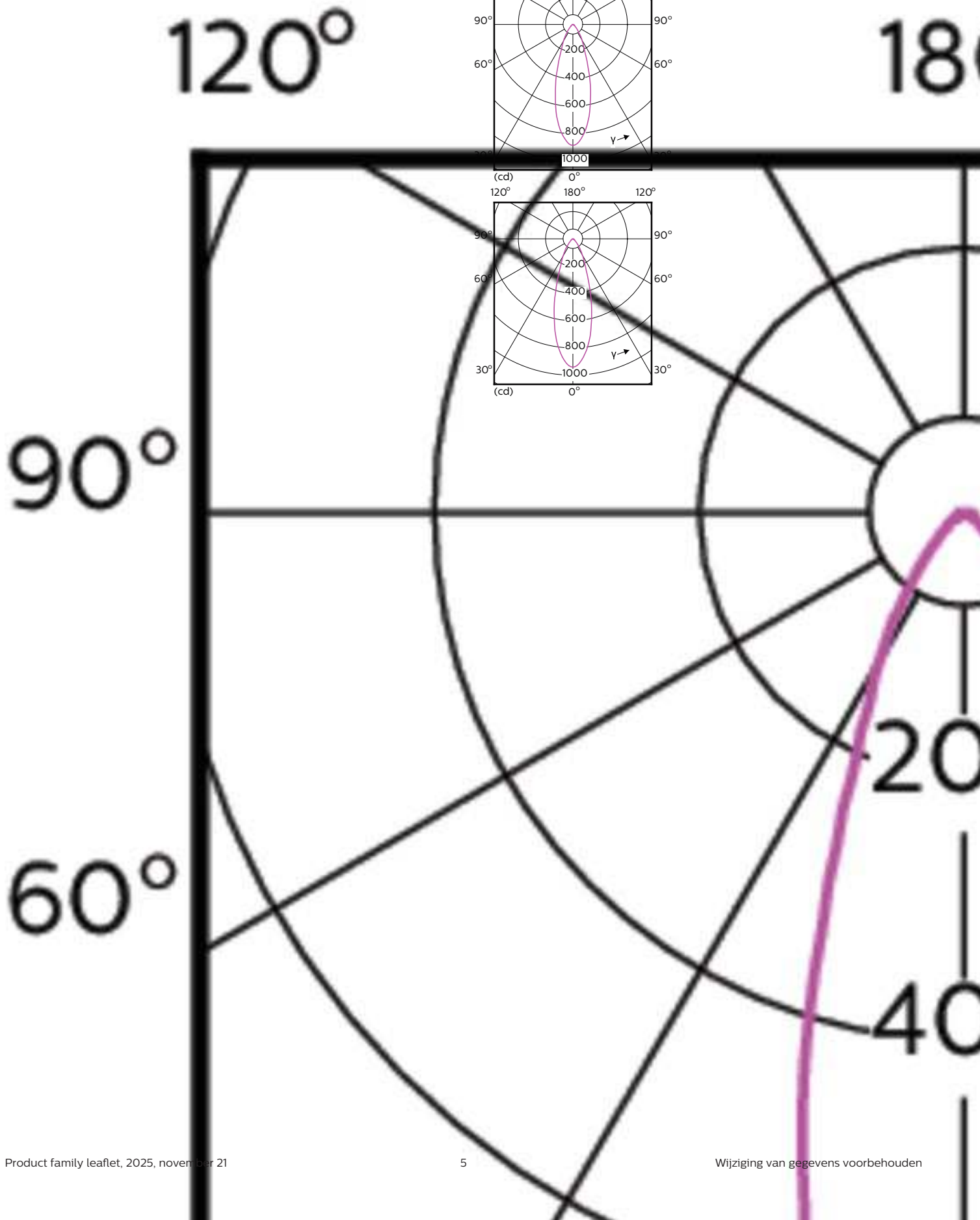
Order Code	Full Product Name	Bereik	Energieverbruik
		omgevingstemperatuur	kWh/1.000 uur
8718696707494	MAS LED ExpertColor 3.9-35W GU10 927 25D	-20 tot +45 °C	4 kWh
8718696707517	MAS LED ExpertColor 3.9-35W GU10 930 25D	-20 tot +45 °C	4 kWh
8718696707555	MAS LED ExpertColor 3.9-35W GU10 927 36D	-20 tot +45 °C	4 kWh
8718696707579	MAS LED ExpertColor 3.9-35W GU10 930 36D	-20 tot +45 °C	4 kWh
8718696707593	MAS LED ExpertColor 3.9-35W GU10 940 36D	-20 tot +45 °C	4 kWh

Order Code	Full Product Name	Bereik	Energieverbruik
		omgevingstemperatuur	kWh/1.000 uur
8718696707616	MAS LED ExpertColor 5.5-50W GU10 927 25D	-20 tot +35 °C	6 kWh
8718696707630	MAS LED ExpertColor 5.5-50W GU10 930 25D	-20 tot +45 °C	6 kWh
8718696707654	MAS LED ExpertColor 5.5-50W GU10 940 25D	-20 tot +45 °C	6 kWh
8718696707678	MAS LED ExpertColor 5.5-50W GU10 927 36D	-20 tot +45 °C	6 kWh
8718696707692	MAS LED ExpertColor 5.5-50W GU10 930 36D	-20 tot +45 °C	6 kWh

# MASTER LED-spot ExpertColor MV

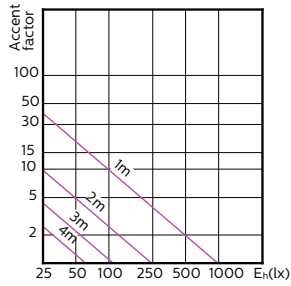
Order Code	Full Product Name	Bereik omgevingstemperatuur	Energieverbruik kWh/1.000 uur
8718696707715	MAS LED ExpertColor 5.5-50W GU10 940 36D	-20 tot +45 °C	6 kWh



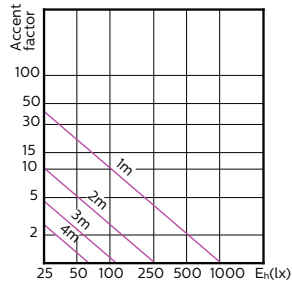


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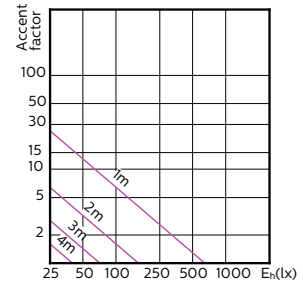
## Accent Diagrams



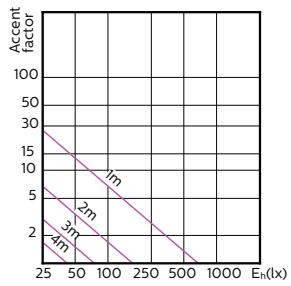
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 927 25D



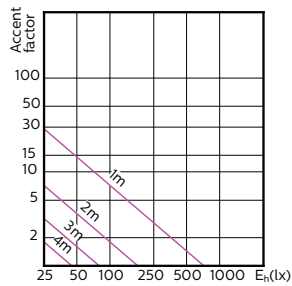
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 930 25D



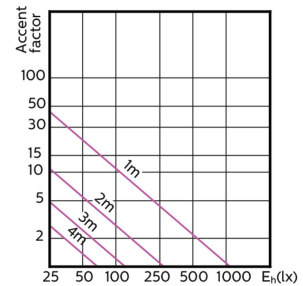
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 927 36D



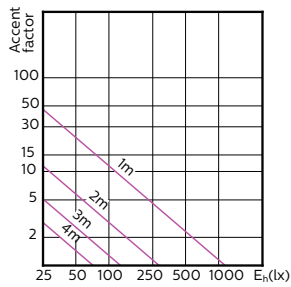
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 930 36D



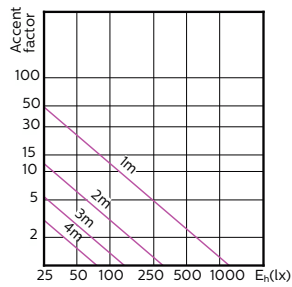
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 940 36D



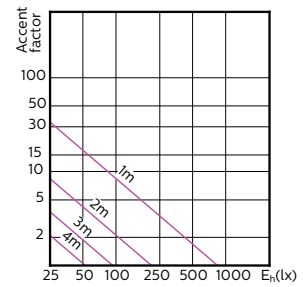
Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 927 25D



Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 930 25D



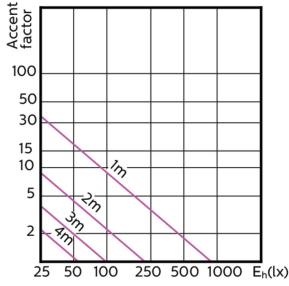
Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 940 25D



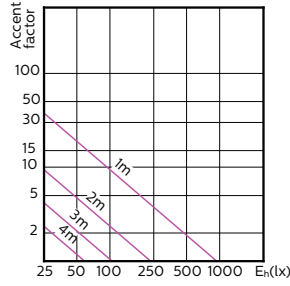
Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 927 36D

# MASTER LED-spot ExpertColor MV

## Accent Diagrams

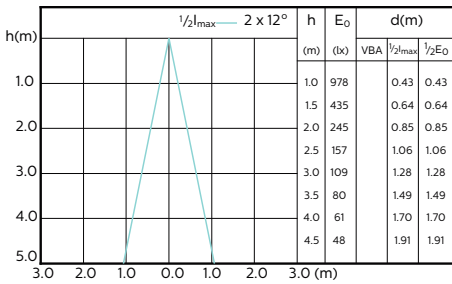


Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 930 36D

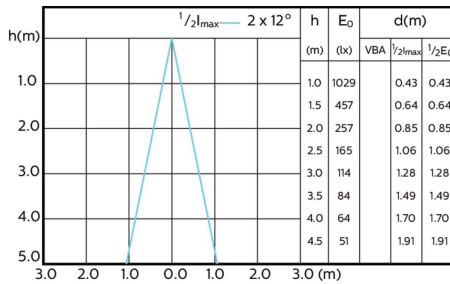


Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 940 36D

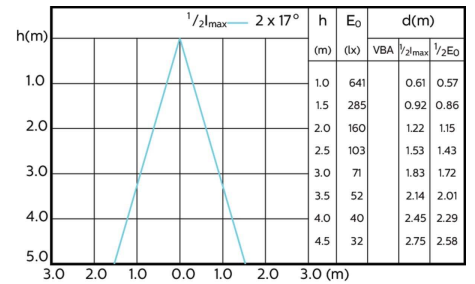
## Beam Diagrams



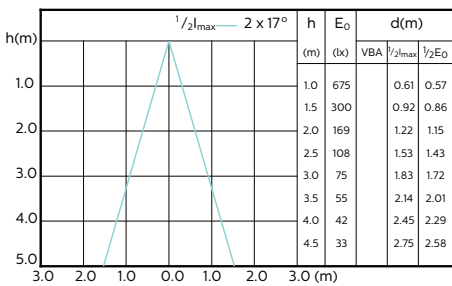
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 927 25D



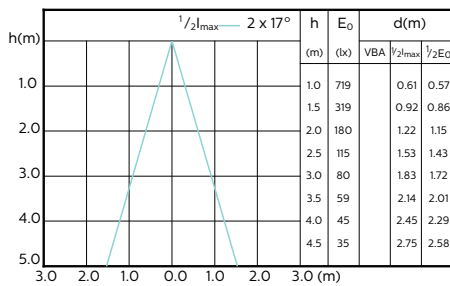
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 930 25D



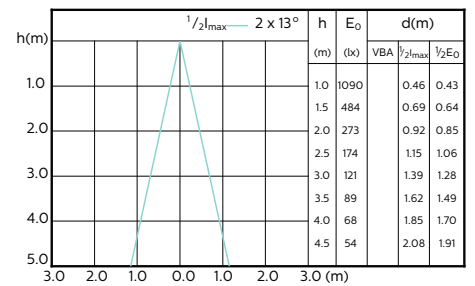
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 927 36D



Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 930 36D



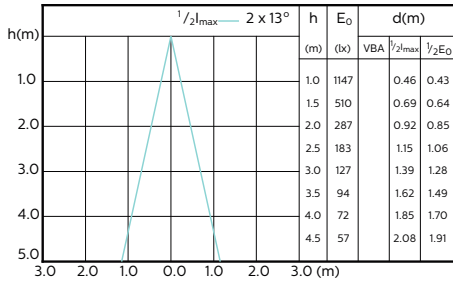
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 940 36D



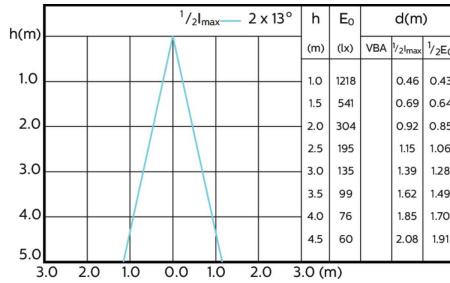
Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 927 25D

# MASTER LED-spot ExpertColor MV

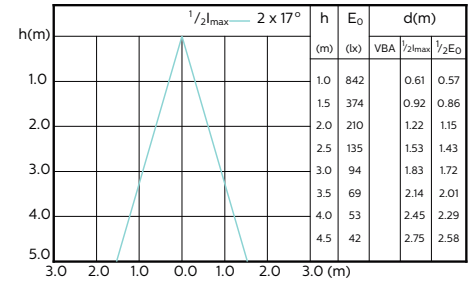
## Beam Diagrams



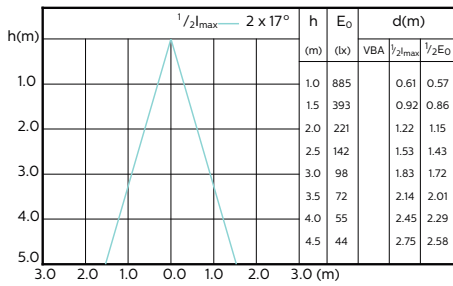
Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 930 25D



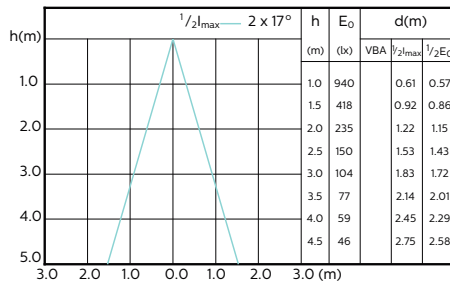
Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 940 25D



Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 927 36D



Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 930 36D



Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 940 36D

