



# Die dimmbaren Rennertypen

## MASTER LEDspot & Value GU10 Hochvolt- Reflektorlampen

MASTER LEDspot GU10 Lampen sind mit ihrer kompakten Abmessung die ideale Ersatz für handelsübliche Hochvolt-Halogen-Reflektorlampen. Sie bieten lange Lebensdauer und hohe Energieeffizienz für eine dimmbare Allgemein- und Akzentbeleuchtung.

### Vorteile

- Hohe Farbwiedergabe
- Klassische Optik im Retro-Design wie ein Halogenreflektor
- Über 80% Energieeinsparung im Vergleich zu HV-Halogen-Reflektorlampen bei vergleichbarer Lichtleistung und Zeitspanne
- DimTone (DT) Versionen: das Licht wird beim Dimmen wärmer

### Merkmale

- Lange Nutzlebensdauer
- Gute Farbwiedergabe
- Zwei Ausstrahlungswinkel (36° und 60°)
- Frei von Quecksilber und gefährlichen Substanzen
- Dimmbar an von Philips empfohlenen Dimmern ([www.philips.de/master-led-lampen](http://www.philips.de/master-led-lampen))

### Anwendung

- Für Akzent- und Allgemeinbeleuchtung in Hotels, Restaurants, Shops, Museen und Krankenhäusern
- Nur in offenen/belüfteten Leuchten verwenden
- Einzusetzen im Innenbereich bei Temperaturen von -20 bis +45°C

# MASTER LEDspot & Value GU10 Hochvolt-Reflektorlampen

## Hinweise

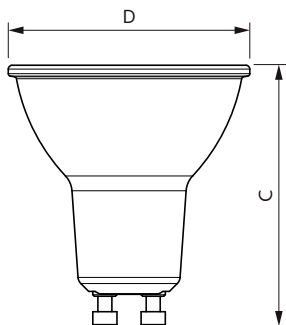
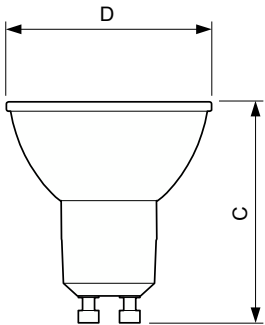
- Nicht für Gleichspannung geeignet
- Nicht für elektronische Schalter geeignet
- Max. 80% Luftfeuchtigkeit
- Min. 10 mm Luftraum beim Deckeneinbau zur Gewährleistung der konstanten Wärmeableitung
- Eine Liste empfohlener und getesteter Dimmer finden Sie unter [www.philips.de/master-led-lampen](http://www.philips.de/master-led-lampen)

## Versions



MASTER LEDspotMV 35W GU10 36D

## Abmessungsskizzen



Product	D	C
MAS LED spot VLE D 3.7-35W GU10 930 36D	50 mm	54 mm
MAS LED spot VLE D 3.7-35W GU10 940 36D	50 mm	54 mm
MAS LED spot VLE D 3.7-35W GU10 940 60D	50 mm	54 mm
MAS LED spot VLE D 4.9-50W GU10 927 60D	50 mm	54 mm
MAS LED spot VLE D 4.9-50W GU10 930 36D	50 mm	54 mm
MAS LED spot VLE D 4.9-50W GU10 930 60D	50 mm	54 mm
MAS LED spot VLE D 4.9-50W GU10 940 36D	50 mm	54 mm
MAS LED spot VLE D 4.9-50W GU10 940 60D	50 mm	54 mm
MAS LED spot VLE D 6.2-80W GU10 927 36D	50 mm	54 mm
MAS LED spot VLE D 6.2-80W GU10 930 36D	50 mm	54 mm
MAS LED spot VLE D 6.2-80W GU10 940 36D	50 mm	54 mm
MAS LED spot VLE DT 4.9-50W GU10 927 36D	50 mm	54 mm
MAS LED spot VLE DT 6.2-80W GU10 927 36D	50 mm	56 mm

Product	D	C
MAS LED spot VLE D 3.7-35W GU10 927 36D	50 mm	54 mm
MAS LED spot VLE D 3.7-35W GU10 927 60D	50 mm	54 mm
MAS LED spot VLE D 3.7-35W GU10 930 60D	50 mm	54 mm
MAS LED spot VLE D 4.8-50W GU10 927 36D	50 mm	54 mm
MAS LED spot VLE DT 3.7-35W GU10 927 36D	50 mm	54 mm
MAS LEDspot VLE D 4.7-50W GU10 82736D5CT	50 mm	54 mm
MAS LEDspot VLE D 4.7-50W GU10 83036D5CT	50 mm	54 mm

# MASTER LEDspot & Value GU10 Hochvolt-Reflektorlampen

## Allgemeine Informationen

Sockel	GU10
Schaltzyklus	50.000
Nennlebensdauer	25.000 Stunde(n)

## Lichttechnische Daten

Restlichtstrom am Ende der Nennlebensdauer (Nom.)	70 %
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## Betrieb und Elektrik

Eingangsfrequenz	50 bis 60 Hz
Netzfrequenz	50 to 60 Hz
Startzeit (Nom)	0,5 s

## Lichtregelung und Dimmen

Dimmbar	Nur mit Spezial-Dimmern
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## Mechanik und Gehäuse

Kolbenform	PAR16
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## Lichttechnische Daten (1/2)

Order Code	Full Product Name	Ausstrahlungswinkel (Nom)	Ähnlichste		
			Farbtemperatur (Nom)	Farbwiedergabeindex (CRI)	Farbcode
67541700	MASTER LED spot VLE D 6.2-80W GU10 927 36D	36 Grad	2700 K	90	927
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	36 Grad	2700 K	90	922-927
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	36 Grad	4000 K	90	940
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	36 Grad	3000 K	90	930
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	36 Grad	3000 K	90	930
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	36 Grad	4000 K	90	940
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	60 Grad	4000 K	90	940
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	36 Grad	3000 K	90	930
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	36 Grad	4000 K	90	940
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	60 Grad	2700 K	90	927
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	60 Grad	3000 K	90	930
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	60 Grad	4000 K	90	940
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	36 Grad	2700 K	90	922-927
30811400	MASTER LED spot VLE D 3.7-35W GU10 927 36D	36 Grad	2700 K	90	927
31228900	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	36 Grad	2200 K	90	922-927
31226500	MASTER LED spot VLE D 3.7-35W GU10 927 60D	60 Grad	2700 K	90	927

## MASTER LEDspot & Value GU10 Hochvolt-Reflektorlampen

Order Code	Full Product Name	Ausstrahlungswinkel (Nom)	Ähnlichste		
			Farbtemperatur (Nom)	Farbwiedergabeindex (CRI)	Farbcode
31230200	MASTER LED spot VLE D 3.7-35W GU10 930 60D	60 Grad	3000 K	90	930
30813800	MASTER LED spot VLE D 4.8-50W GU10 927 36D	36 Grad	2700 K	90	927
31212800	MASTER LEDspot VLE D 4.7-50W GU10 82736D5CT	36 Grad	2700 K	80	827
31214200	MASTER LEDspot VLE D 4.7-50W GU10 83036D5CT	36 Grad	3000 K	80	830

### Lichttechnische Daten (2/2)

Order Code	Full Product Name	Lichtstrom	Lichtstärke (Nom)	Order Code	Full Product Name	Lichtstrom	Lichtstärke (Nom)
67541700	MASTER LED spot VLE D 6.2-80W GU10 927 36D	575 lm	850 cd	70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	365 lm	400 cd
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	575 lm	950 cd	70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	380 lm	400 cd
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	575 lm	850 cd	70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	355 lm	650 cd
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	575 lm	850 cd	30811400	MASTER LED spot VLE D 3.7-35W GU10 927 36D	270 lm	500 cd
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	270 lm	500 cd	31228900	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	270 lm	500 cd
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	285 lm	500 cd	31226500	MASTER LED spot VLE D 3.7-35W GU10 927 60D	270 lm	300 cd
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	285 lm	350 cd	31230200	MASTER LED spot VLE D 3.7-35W GU10 930 60D	270 lm	300 cd
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	365 lm	650 cd	30813800	MASTER LED spot VLE D 4.8-50W GU10 927 36D	355 lm	650 cd
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	380 lm	700 cd	31212800	MASTER LEDspot VLE D 4.7-50W GU10 82736D5CT	345 lm	650 cd
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	355 lm	400 cd	31214200	MASTER LEDspot VLE D 4.7-50W GU10 83036D5CT	345 lm	650 cd

### Betrieb und Elektrik

Order Code	Full Product Name	Energieverbrauch	Äquivalente Leistung	Order Code	Full Product Name	Energieverbrauch	Äquivalente Leistung
67541700	MASTER LED spot VLE D 6.2-80W GU10 927 36D	6,2 W	80 W	70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	3,7 W	35 W
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	6,2 W	80 W	70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	3,7 W	35 W
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	6,2 W	80 W	70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	3,7 W	35 W
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	6,2 W	80 W	70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	4,9 W	50 W

## MASTER LEDspot & Value GU10 Hochvolt-Reflektorlampen

Order Code	Full Product Name	Energieverbrauch	Äquivalente
			Leistung
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	4,9 W	50 W
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	4,9 W	50 W
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	4,9 W	50 W
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	4,9 W	50 W
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	4,9 W	50 W
30811400	MASTER LED spot VLE D 3.7-35W GU10 927 36D	3,7 W	35 W

Order Code	Full Product Name	Energieverbrauch	Äquivalente
			Leistung
31228900	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	3,7 W	35 W
31226500	MASTER LED spot VLE D 3.7-35W GU10 927 60D	3,7 W	35 W
31230200	MASTER LED spot VLE D 3.7-35W GU10 930 60D	3,7 W	35 W
30813800	MASTER LED spot VLE D 4.8-50W GU10 927 36D	4,8 W	50 W
31212800	MASTER LEDspot VLE D 4.7-50W GU10 82736D5CT	4,7 W	50 W
31214200	MASTER LEDspot VLE D 4.7-50W GU10 83036D5CT	4,7 W	50 W

### Temperatur

Order Code	Full Product Name	Gehäusetemperatur (Nom)
67541700	MASTER LED spot VLE D 6.2-80W GU10 927 36D	80 °C
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	75 °C
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	80 °C
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	80 °C
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	80 °C
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	80 °C
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	80 °C
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	80 °C
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	80 °C
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	80 °C

Order Code	Full Product Name	Gehäusetemperatur (Nom)
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	80 °C
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	80 °C
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	80 °C
30811400	MASTER LED spot VLE D 3.7-35W GU10 927 36D	70 °C
31228900	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	70 °C
31226500	MASTER LED spot VLE D 3.7-35W GU10 927 60D	70 °C
31230200	MASTER LED spot VLE D 3.7-35W GU10 930 60D	70 °C
30813800	MASTER LED spot VLE D 4.8-50W GU10 927 36D	80 °C
31212800	MASTER LEDspot VLE D 4.7-50W GU10 82736D5CT	80 °C
31214200	MASTER LEDspot VLE D 4.7-50W GU10 83036D5CT	80 °C

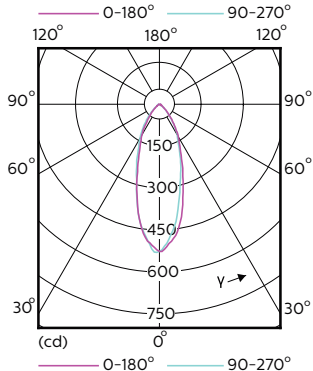
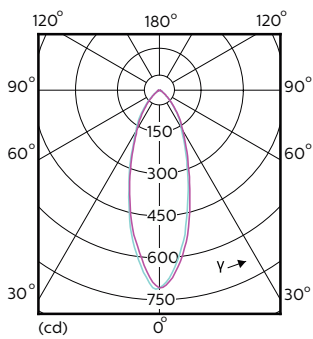
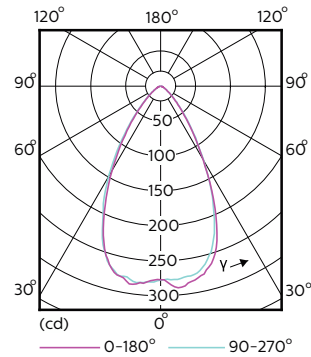
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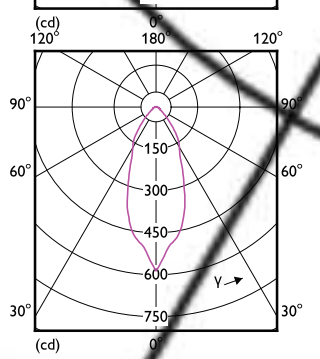
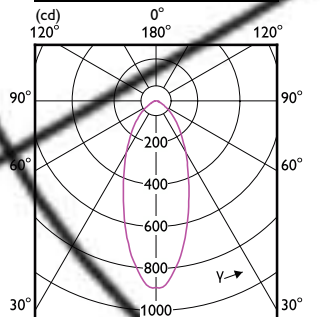
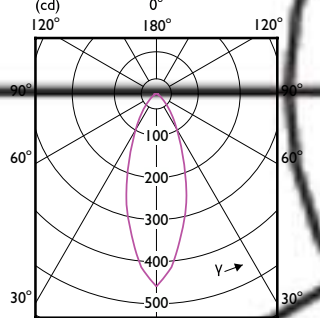
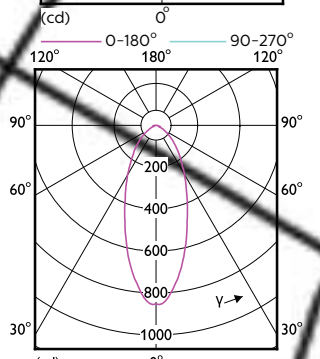
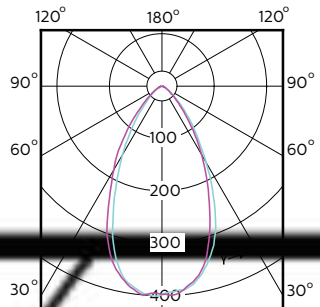
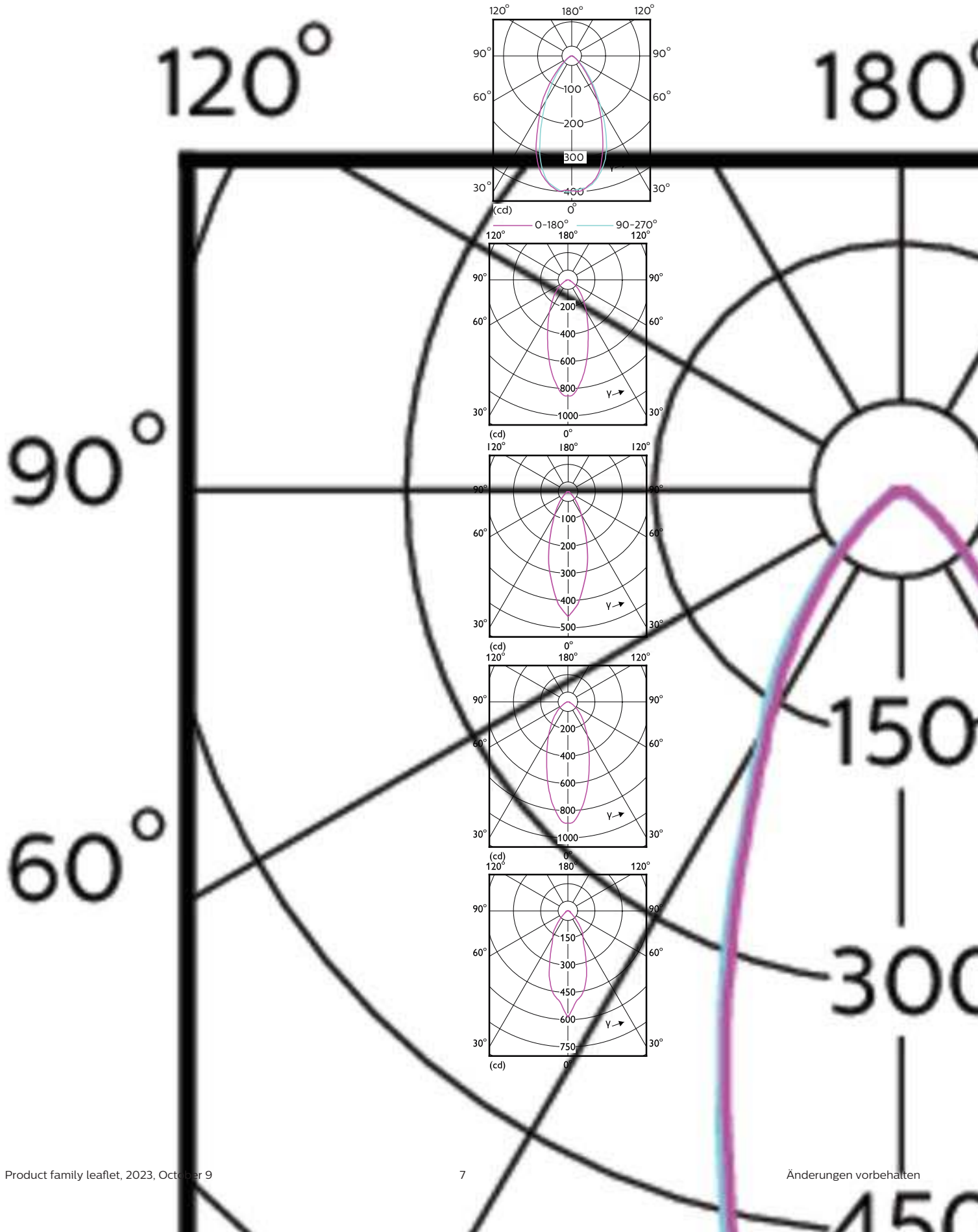
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66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	7 kWh
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	7 kWh
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	7 kWh

Order Code	Full Product Name	Energieverbrauch kWh/ 1.000 Std.
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	4 kWh
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	4 kWh
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	4 kWh
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	5 kWh

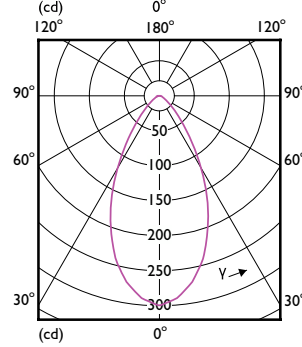
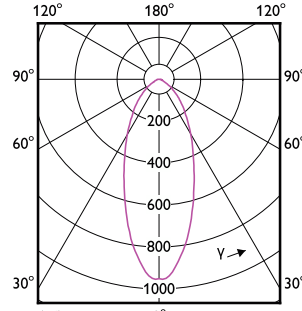
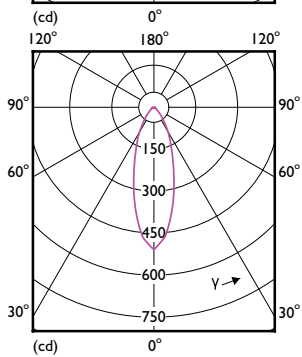
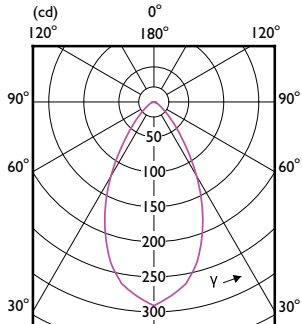
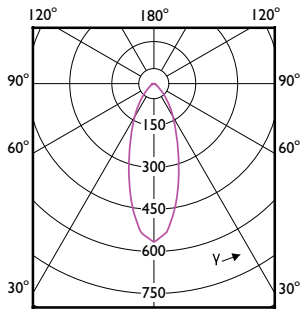
# MASTER LEDspot & Value GU10 Hochvolt-Reflektorlampen

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70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	5 kWh
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	5 kWh
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	5 kWh
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	5 kWh
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	5 kWh
30811400	MASTER LED spot VLE D 3.7-35W GU10 927 36D	4 kWh
31228900	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	4 kWh
31226500	MASTER LED spot VLE D 3.7-35W GU10 927 60D	4 kWh
31230200	MASTER LED spot VLE D 3.7-35W GU10 930 60D	4 kWh
30813800	MASTER LED spot VLE D 4.8-50W GU10 927 36D	5 kWh
31212800	MASTER LEDspot VLE D 4.7-50W GU10 82736D5CT	5 kWh
31214200	MASTER LEDspot VLE D 4.7-50W GU10 83036D5CT	5 kWh

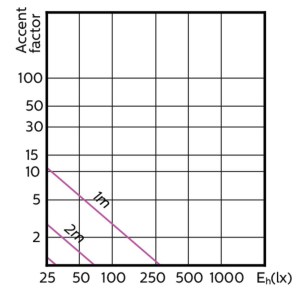
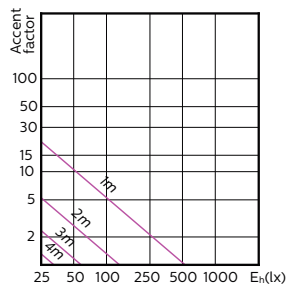
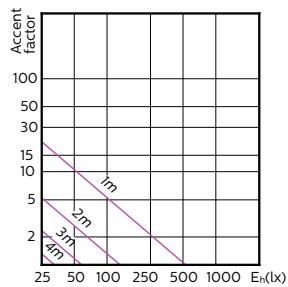




# MASTER LEDspot & Value GU10 Hochvolt-Reflektorlampen



## Accent Diagrams



Accent Diagram - MAS LED spot VLE DT  
4.9-50W GU10 927 36D

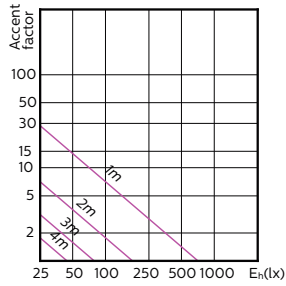
Accent Diagram - MAS LED spot VLE D 3.7-35W  
GU10 930 36D

Accent Diagram - MAS LED spot VLE D 3.7-35W  
GU10 940 60D

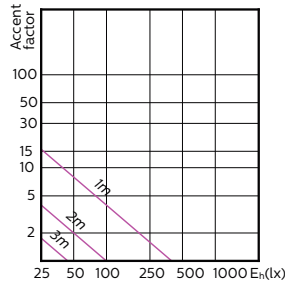


# MASTER LEDspot & Value GU10 Hochvolt-Reflektorlampen

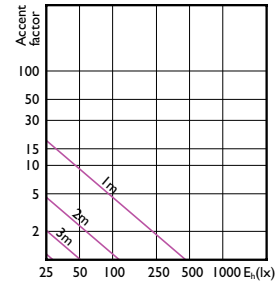
## Accent Diagrams



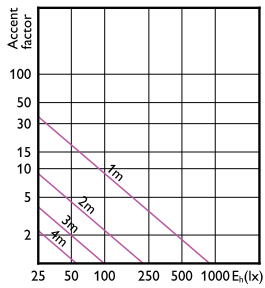
Accent Diagram - MAS LED spot VLE D  
4.9-50W GU10 940 36D



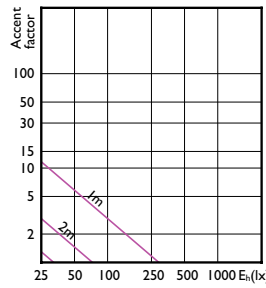
Accent Diagram - MAS LED spot VLE D  
4.9-50W GU10 930 60D



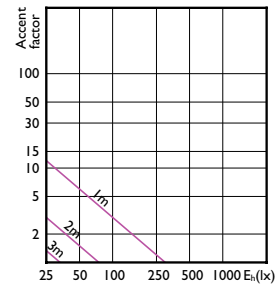
Accent Diagram - MAS LED spot VLE DT  
3.7-35W GU10 927 36D



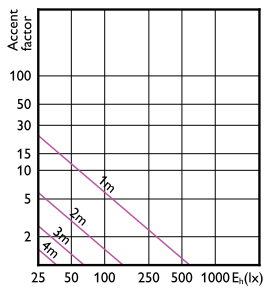
Accent Diagram - MAS LED spot VLE D 6.2-80W  
GU10 940 36D



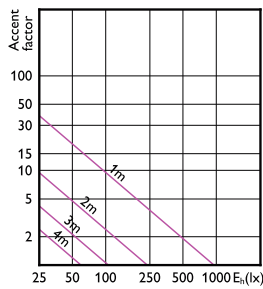
Accent Diagram - MAS LED spot VLE D 3.7-35W  
GU10 927 60D



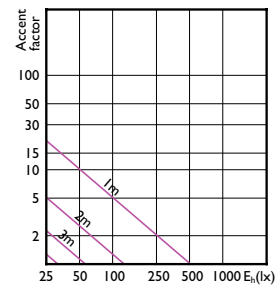
Accent Diagram - MAS LED spot VLE D 3.7-35W  
GU10 930 60D



Accent Diagram - MAS LEDspot VLE D 4.7-50W  
GU10 83036D5CT



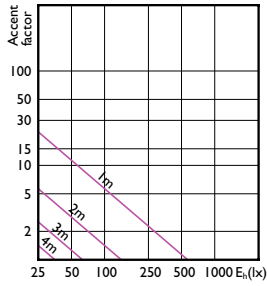
Accent Diagram - MAS LED spot VLE DT  
6.2-80W GU10 927 36D



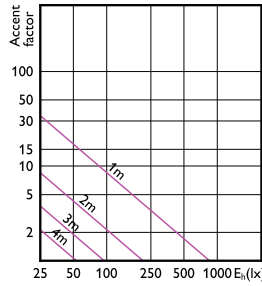
Accent Diagram - MAS LED spot VLE D 3.7-35W  
GU10 927 36D

# MASTER LEDspot & Value GU10 Hochvolt-Reflektorlampen

## Accent Diagrams

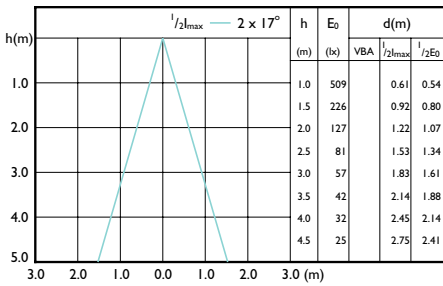


Accent Diagram - MAS LED spot VLE D 4.8-50W  
GU10 927 36D

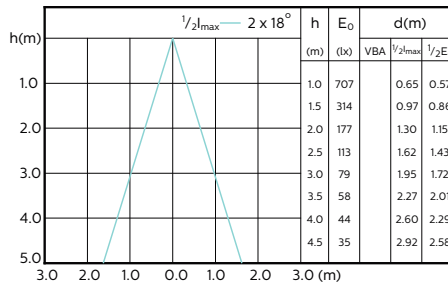


Accent Diagram - MAS LED spot VLE D 6.2-80W  
GU10 927 36D

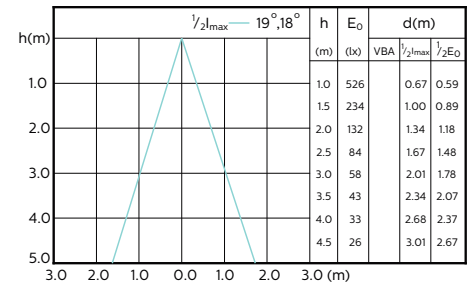
## Beam Diagrams



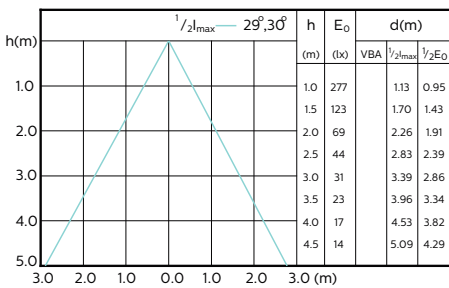
Beam diagram - MAS LED spot VLE D 3.7-35W  
GU10 927 36D



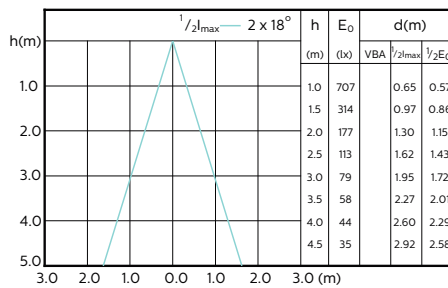
Beam diagram - MAS LED spot VLE DT 4.9-50W  
GU10 927 36D



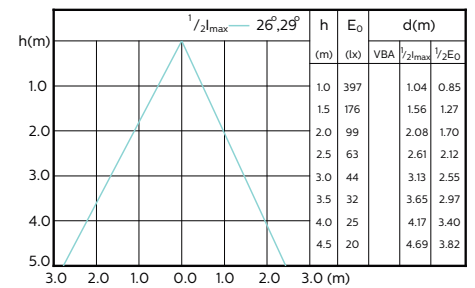
Beam diagram - MAS LED spot VLE D 3.7-35W  
GU10 930 36D



Beam diagram - MAS LED spot VLE D 3.7-35W  
GU10 940 60D



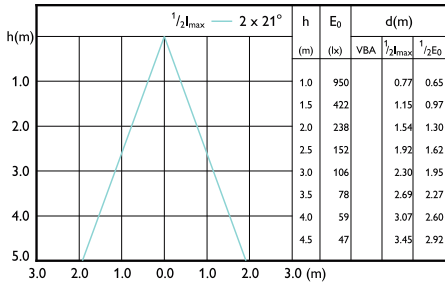
Beam diagram - MAS LED spot VLE D 4.9-50W  
GU10 940 36D



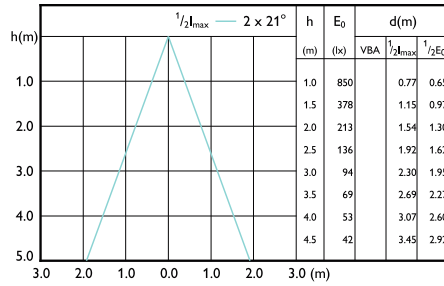
Beam diagram - MAS LED spot VLE D 4.9-50W  
GU10 930 60D

# MASTER LEDspot & Value GU10 Hochvolt-Reflektorlampen

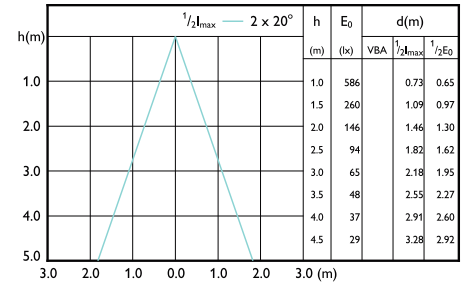
## Beam Diagrams



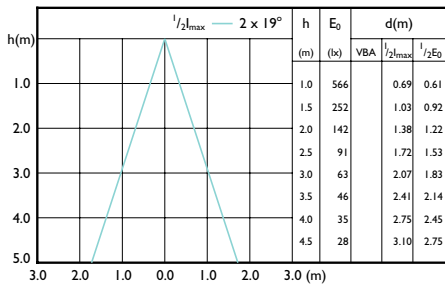
Beam diagram - MAS LED spot VLE DT 6.2-80W GU10 927 36D



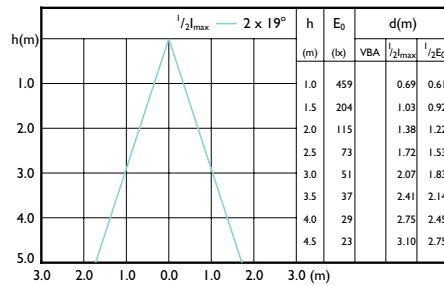
Beam diagram - MAS LED spot VLE D 6.2-80W GU10 927 36D



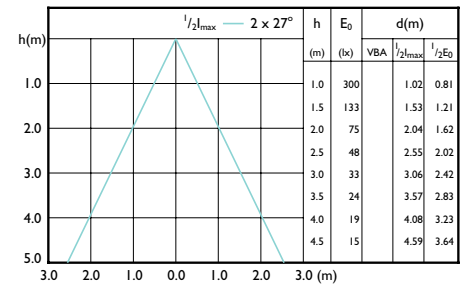
Beam diagram - MAS LEDspot VLE D 4.7-50W GU10 83036D5CT



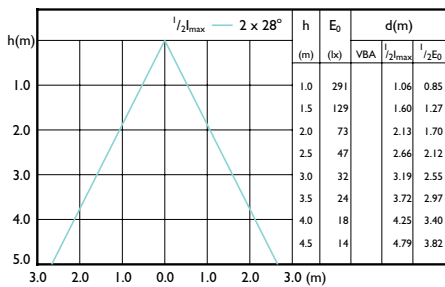
Beam diagram - MAS LED spot VLE D 4.8-50W GU10 927 36D



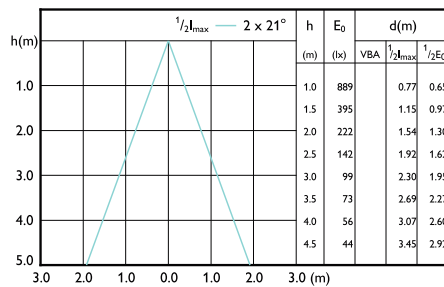
Beam diagram - MAS LED spot VLE DT 3.7-35W GU10 927 36D



Beam diagram - MAS LED spot VLE D 3.7-35W GU10 930 60D



Beam diagram - MAS LED spot VLE D 3.7-35W GU10 927 60D



Beam diagram - MAS LED spot VLE D 6.2-80W GU10 940 36D

## MASTER LEDspot & Value GU10 Hochvolt-Reflektorlampen

