PHILIPS

Lighting

La sostituzione perfetta per le lampade spot alogene alimentate dalla tensione di rete

MASTER LEDspot MV

Con un fascio di luce d'accento calda simile alla luce alogena, MASTER VALUE LEDspot MV è ideale per l'illuminazione spot. Grazie a un CRI elevato, produce colori più naturali, ideali per creare un'atmosfera accogliente e confortevole, fondamentale negli ambienti residenziali e nelle strutture ricettive e per mettere il risalto la bellezza degli articoli esposti. Queste lampade spot LED hanno l'aspetto familiare delle lampade spot in vetro perché ne mantengono i classici tratti estetici, ma al contempo garantiscono le prestazioni superiori tipiche della tecnologia LED. La funzione di oscuramento, che consente di creare l'atmosfera desiderata, è compatibile con un'ampia selezione di dimmer.

Vantaggi

- La prima lampada spot in vetro CRI90 DimTone sul mercato
- Sostituzione perfetta per le lampade GU10 tradizionali vietate a partire da settembre 2016 ai sensi della direttiva ErP
- Migliore riproduzione di una lampada spot alogena per creare atmosfera

MASTER LEDspot MV

Caratteristiche

- DimTone: maggiore è l'oscuramento, più calda è la luce
- Compatibile con una vasta gamma di dimmer
- Durata di 25.000 ore
- Ampiezza del fascio ben definita
- Luce priva di raggi UV e infrarossi: riduzione del calore e protezione degli oggetti sensibili al calore

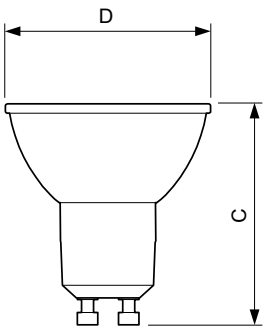
Applicazione

- Hotel, ristoranti e bar: camere d'albergo, corridoi, hall, reception, ristoranti, bar, caffè
- Casa: soggiorno, camera da letto, corridoio
- Negozi: esposizioni, espositori, punti vendita, camerini

Warnings and safety

- La temperatura di funzionamento è compresa tra -20 ° C e 45 ° C
- Applicare solo in luoghi asciutti o umidi e la maggior parte degli accessori aperti con porta-lampade che offrono spazio sufficiente (spazio libero di 10 mm)
- Non destinato all'utilizzo con luci di emergenza o luci di uscita

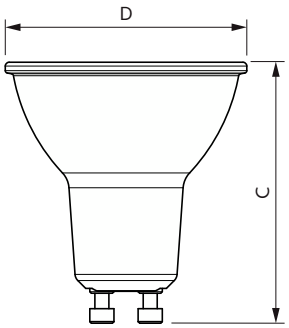
Disegno tecnico



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 D 6.2-80W GU10 965 36D	50 mm	54 mm
MAS LED spot VLE D 650lm GU10 930 120D	50 mm	54 mm
MAS LED spot VLE D 680lm GU10 940 120D	50 mm	54 mm
MAS LED spot VLE D 680lm GU10 965 120D	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
Master LED 4.9-50W GU10 927 36D Dim	50 mm	54 mm
Master LED 4.9-50W GU10 930 36D Dim	50 mm	54 mm
Master LED 4.9-50W GU10 940 36D Dim	50 mm	54 mm

MASTER LEDspot MV

Disegno tecnico



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

Informazioni generali	
Attacco	GU10
Ciclo di commutazione on/off	50.000
Durata nominale	25.000 ore
Dati tecnici di illuminazione	
Indice di resa cromatica (CRI)	90
LLMF a fine durata vita nominale (Nom)	70 %
Funzionamento e parte elettrica	
Frequenza di ingresso	Da 50 a 60 Hz
Frequenza di linea	50 to 60 Hz
Tempo di avvio (Nom)	0,5 s
Meccanica e corpo	
Forma lampadina	PAR16

Dati tecnici di illuminazione (1/2)

Order Code	Full Product Name	Angolo del fascio (Nom)	Temperatura del colore correlata	Codice colore	Flusso luminoso
67541700	MASTER LED spot VLE D 6.2-80W GU10 927 36D	36 °	2700 K	927	575 lm
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	36 °	2700 K	922-927	575 lm
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	36 °	4000 K	940	575 lm
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	36 °	3000 K	930	575 lm
70607400	MASTER LED spot VLE D 6.2-80W GU10 965 36D	36 °	6500 K	6500	575 lm
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	120 °	3000 K	930	650 lm
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	120 °	4000 K	940	680 lm
70613500	MASTER LED spot VLE D 680lm GU10 965 120D	120 °	6500 K	6500	680 lm
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	36 °	3000 K	930	270 lm
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	36 °	4000 K	940	285 lm
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	60 °	4000 K	940	285 lm
70731900	Master LED 4.9-50W GU10 927 36D Dim	36 °	2700 K	927	395 lm
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	36 °	3000 K	930	365 lm
75592100	Master LED 4.9-50W GU10 930 36D Dim	36 °	3000 K	930	405 lm
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	36 °	4000 K	940	380 lm
75594500	Master LED 4.9-50W GU10 940 36D Dim	36 °	4000 K	940	420 lm
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	60 °	2700 K	927	355 lm

Order Code	Full Product Name	Angolo del fascio (Nom)	Temperatura del colore correlata	Codice colore	Flusso luminoso
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	60 °	3000 K	930	365 lm
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	60 °	4000 K	940	380 lm
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	36 °	2700 K	922-927	355 lm
30811400	MASTER LED spot VLE D 3.7-35W GU10 927 36D	36 °	2700 K	927	270 lm
31228900	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	36 °	2200 K	922-927	270 lm
31226500	MASTER LED spot VLE D 3.7-35W GU10 927 60D	60 °	2700 K	927	270 lm
31230200	MASTER LED spot VLE D 3.7-35W GU10 930 60D	60 °	3000 K	930	270 lm
30813800	MASTER LED spot VLE D 4.8-50W GU10 927 36D	36 °	2700 K	927	355 lm

Dati tecnici di illuminazione (2/2)

Order Code	Full Product Name	Intensità luminosa (Nom)
67541700	MASTER LED spot VLE D 6.2-80W GU10 927 36D	850 cd
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	950 cd
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	850 cd
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	850 cd
70607400	MASTER LED spot VLE D 6.2-80W GU10 965 36D	850 cd
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	200 cd
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	200 cd
70613500	MASTER LED spot VLE D 680lm GU10 965 120D	200 cd
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	500 cd
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	500 cd
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	350 cd
70731900	Master LED 4.9-50W GU10 927 36D Dim	650 cd
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	650 cd

Order Code	Full Product Name	Intensità luminosa (Nom)
75592100	Master LED 4.9-50W GU10 930 36D Dim	650 cd
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	700 cd
75594500	Master LED 4.9-50W GU10 940 36D Dim	700 cd
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	400 cd
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	400 cd
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	400 cd
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	650 cd
30811400	MASTER LED spot VLE D 3.7-35W GU10 927 36D	500 cd
31228900	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	500 cd
31226500	MASTER LED spot VLE D 3.7-35W GU10 927 60D	300 cd
31230200	MASTER LED spot VLE D 3.7-35W GU10 930 60D	300 cd
30813800	MASTER LED spot VLE D 4.8-50W GU10 927 36D	650 cd

Funzionamento e parte elettrica

Order Code	Full Product Name	Consumo energetico	Potenza equivalente
67541700	MASTER LED spot VLE D 6.2-80W GU10 927 36D	6,2 W	80 W
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	6,2 W	80 W
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	6,2 W	80 W
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	6,2 W	80 W
70607400	MASTER LED spot VLE D 6.2-80W GU10 965 36D	6,2 W	80 W

Order Code	Full Product Name	Consumo energetico	Potenza equivalente
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	6,2 W	-
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	6,2 W	-
70613500	MASTER LED spot VLE D 680lm GU10 965 120D	6,2 W	-
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	3,7 W	35 W
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	3,7 W	35 W

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Order Code	Full Product Name	Consumo energetico	Potenza equivalente
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	3,7 W	35 W
70731900	Master LED 4.9-50W GU10 927 36D Dim	5 W	50 W
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	4,9 W	50 W
75592100	Master LED 4.9-50W GU10 930 36D Dim	5 W	50 W
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	4,9 W	50 W
75594500	Master LED 4.9-50W GU10 940 36D Dim	5 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

Order Code	Full Product Name	Consumo energetico	Potenza equivalente
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
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

Temperatura

Order Code	Full Product Name	Temp. massima involucro (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
70607400	MASTER LED spot VLE D 6.2-80W GU10 965 36D	80 °C
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	80 °C
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	80 °C
70613500	MASTER LED spot VLE D 680lm GU10 965 120D	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
70731900	Master LED 4.9-50W GU10 927 36D Dim	80 °C
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	80 °C

Order Code	Full Product Name	Temp. massima involucro (Nom)
75592100	Master LED 4.9-50W GU10 930 36D Dim	80 °C
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	80 °C
75594500	Master LED 4.9-50W GU10 940 36D Dim	80 °C
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	80 °C
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

Controlli e dimmerazione

Order Code	Full Product Name	Dimmerabile
67541700	MASTER LED spot VLE D 6.2-80W GU10 927 36D	Solo con dimmer specifici
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	Solo con dimmer specifici
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	Solo con dimmer specifici
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	Solo con dimmer specifici
70607400	MASTER LED spot VLE D 6.2-80W GU10 965 36D	Solo con dimmer specifici
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	Solo con dimmer specifici
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	Solo con dimmer specifici

Order Code	Full Product Name	Dimmerabile
70613500	MASTER LED spot VLE D 680lm GU10 965 120D	Solo con dimmer specifici
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	Solo con dimmer specifici
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	Solo con dimmer specifici
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	Solo con dimmer specifici
70731900	Master LED 4.9-50W GU10 927 36D Dim	Sì
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	Solo con dimmer specifici
75592100	Master LED 4.9-50W GU10 930 36D Dim	Sì

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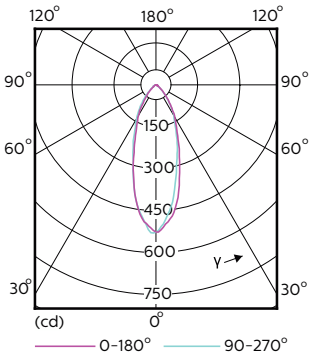
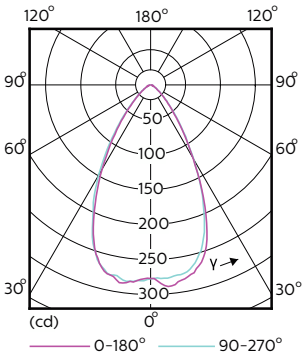
Order Code	Full Product Name	Dimmerabile
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	Solo con dimmer specifici
75594500	Master LED 4.9-50W GU10 940 36D Dim	Sì
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	Solo con dimmer specifici
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	Solo con dimmer specifici
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	Solo con dimmer specifici
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	Solo con dimmer specifici

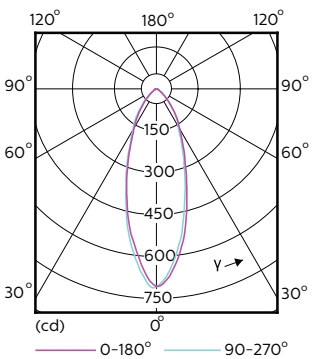
Order Code	Full Product Name	Dimmerabile
30811400	MASTER LED spot VLE D 3.7-35W GU10 927 36D	Solo con dimmer specifici
31228900	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	Solo con dimmer specifici
31226500	MASTER LED spot VLE D 3.7-35W GU10 927 60D	Solo con dimmer specifici
31230200	MASTER LED spot VLE D 3.7-35W GU10 930 60D	Solo con dimmer specifici
30813800	MASTER LED spot VLE D 4.8-50W GU10 927 36D	Solo con dimmer specifici

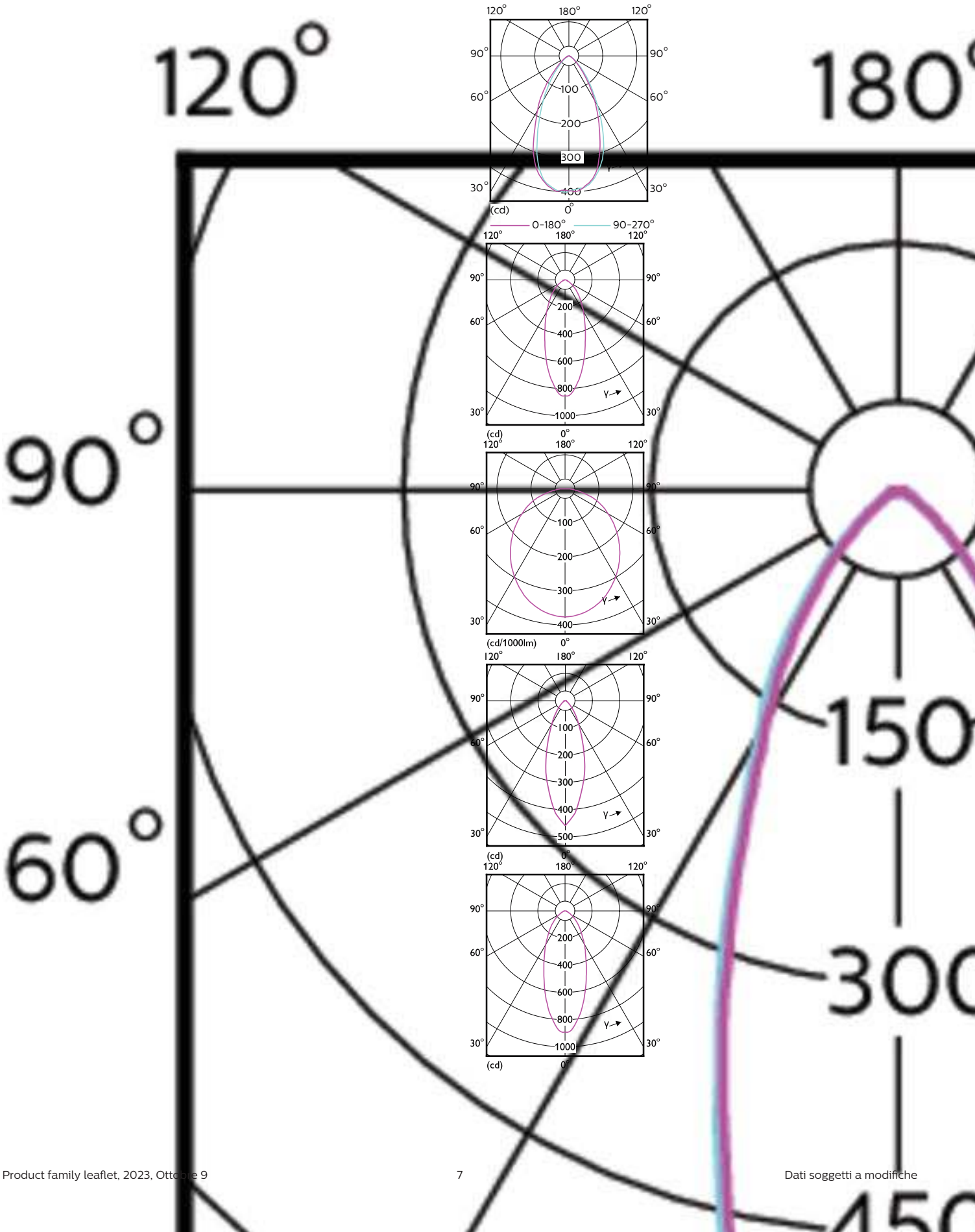
Approvazione e applicazione

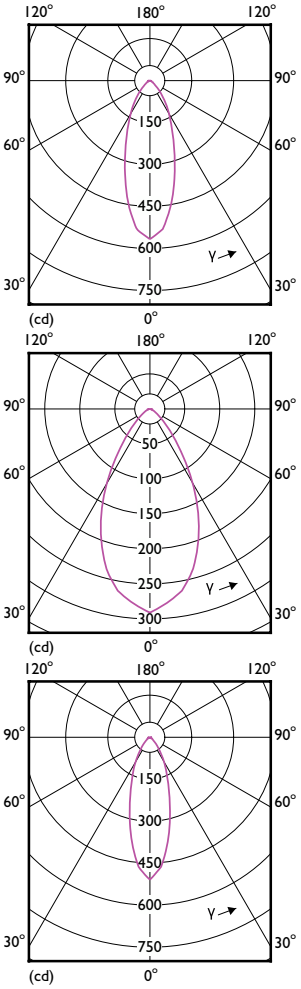
Order Code	Full Product Name	Consumo energetico kWh/1000 h
67541700	MASTER LED spot VLE D 6.2-80W GU10 927 36D	7 kWh
66271400	MASTER LED spot VLE DT 6.2-80W GU10 927 36D	7 kWh
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	7 kWh
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	7 kWh
70607400	MASTER LED spot VLE D 6.2-80W GU10 965 36D	7 kWh
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	7 kWh
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	7 kWh
70613500	MASTER LED spot VLE D 680lm GU10 965 120D	7 kWh
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
70731900	Master LED 4.9-50W GU10 927 36D Dim	5 kWh
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	5 kWh
75592100	Master LED 4.9-50W GU10 930 36D Dim	5 kWh
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	5 kWh
75594500	Master LED 4.9-50W GU10 940 36D Dim	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

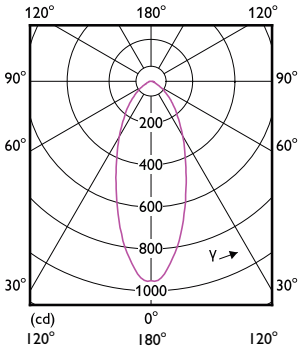


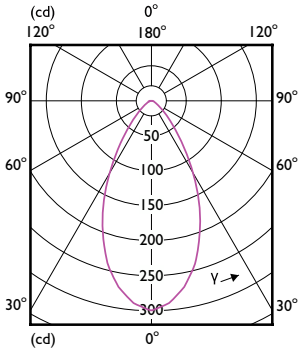




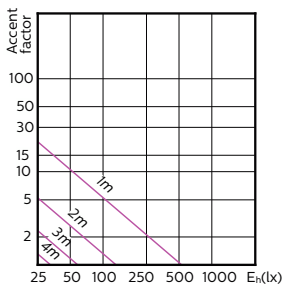

120°
180°
90°
60°
150
300
450
120° 180° 120°
90° 90°
60° 60°
30° 30°
100
200
300
400
(cd)
0°
0-180°
90-270°
200
400
600
800
1000
(cd/1000lm)
500



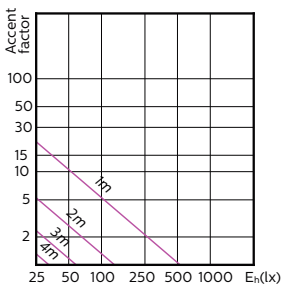




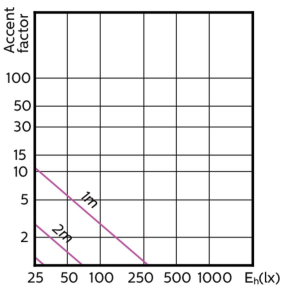
Accent Diagrams



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

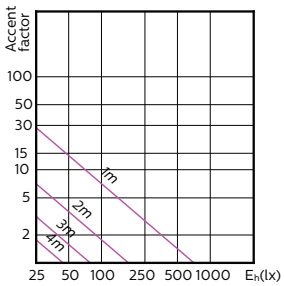


Accent Diagram - MAS LED spot VLE D 3.7-35W GU10 940 36D

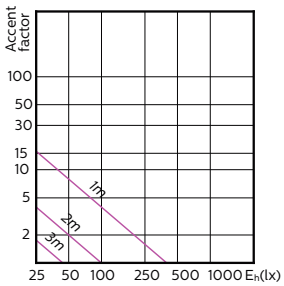


Accent Diagram - MAS LED spot VLE D 3.7-35W GU10 940 60D

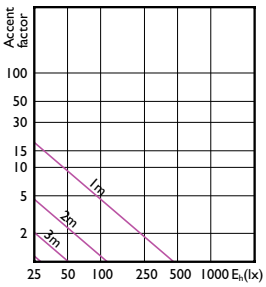
Accent Diagrams



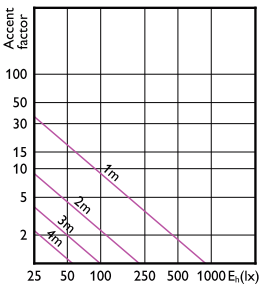
Accent Diagram - MAS LED spot VLE D
4.9-50W GU10 940 36D



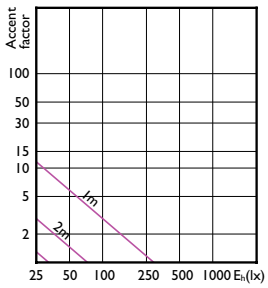
Accent Diagram - MAS LED spot VLE D
4.9-50W GU10 930 60D



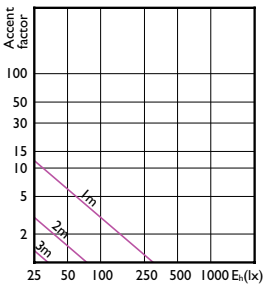
Accent Diagram - MAS LED spot VLE DT
3.7-35W GU10 927 36D



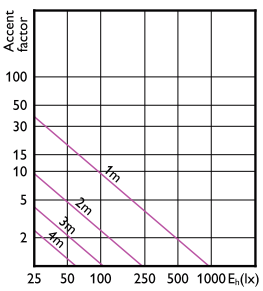
Accent Diagram - MAS LED spot VLE D 6.2-80W
GU10 965 36D



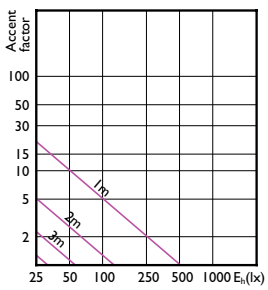
Accent Diagram - MAS LED spot VLE D 3.7-35W
GU10 927 60D



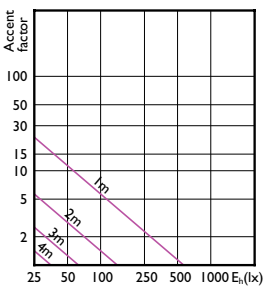
Accent Diagram - MAS LED spot VLE D 3.7-35W
GU10 930 60D



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

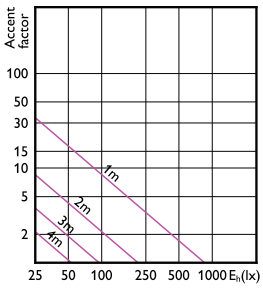


Accent Diagram - MAS LED spot VLE D 3.7-35W
GU10 927 36D



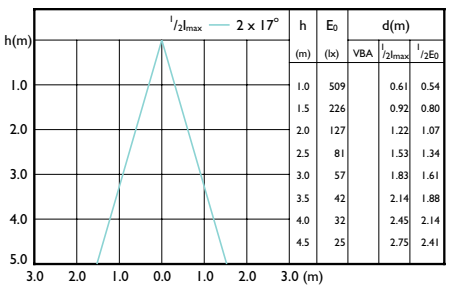
Accent Diagram - MAS LED spot VLE D 4.8-50W
GU10 927 36D

Accent Diagrams



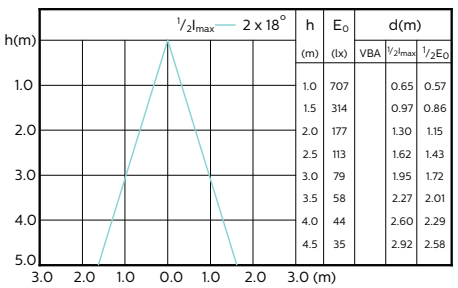
Accent Diagram - MAS LED spot VLE D 6.2-80W GU10 927 36D

Beam Diagrams



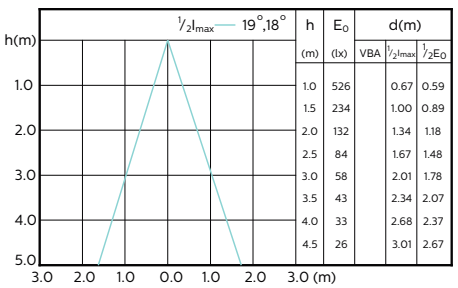
h (m)	E_0 (lx)	d(m) VBA	d(m) ½I_{max}	d(m) ½E_0
1.0	509		0.61	0.54
1.5	226		0.92	0.80
2.0	127		1.22	1.07
2.5	81		1.53	1.34
3.0	57		1.83	1.61
3.5	42		2.14	1.88
4.0	32		2.45	2.14
4.5	25		2.75	2.41

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



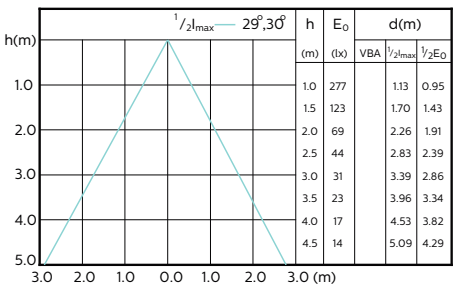
h (m)	E_0 (lx)	d(m) VBA	d(m) ½I_{max}	d(m) ½E_0
1.0	707		0.65	0.57
1.5	314		0.97	0.86
2.0	177		1.30	1.15
2.5	113		1.62	1.43
3.0	79		1.95	1.72
3.5	58		2.27	2.01
4.0	44		2.60	2.29
4.5	35		2.92	2.58

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



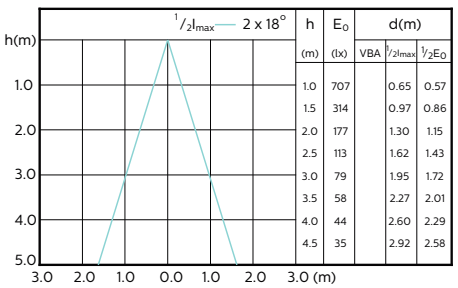
h (m)	E_0 (lx)	d(m) VBA	d(m) ½I_{max}	d(m) ½E_0
1.0	526		0.67	0.59
1.5	234		1.00	0.89
2.0	132		1.34	1.18
2.5	84		1.67	1.48
3.0	58		2.01	1.78
3.5	43		2.34	2.07
4.0	33		2.68	2.37
4.5	26		3.01	2.67

Beam diagram - MAS LED spot VLE D 3.7-35W GU10 940 36D



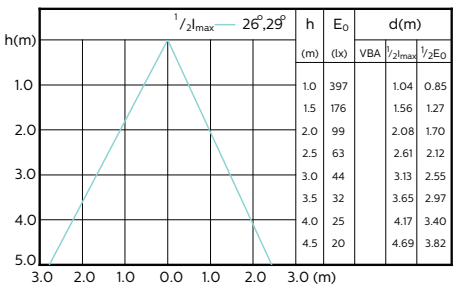
h (m)	E_0 (lx)	d(m) VBA	d(m) ½I_{max}	d(m) ½E_0
1.0	277		1.13	0.95
1.5	123		1.70	1.43
2.0	69		2.26	1.91
2.5	44		2.83	2.39
3.0	31		3.39	2.86
3.5	23		3.96	3.34
4.0	17		4.53	3.82
4.5	14		5.09	4.29

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



h (m)	E_0 (lx)	d(m) VBA	d(m) ½I_{max}	d(m) ½E_0
1.0	707		0.65	0.57
1.5	314		0.97	0.86
2.0	177		1.30	1.15
2.5	113		1.62	1.43
3.0	79		1.95	1.72
3.5	58		2.27	2.01
4.0	44		2.60	2.29
4.5	35		2.92	2.58

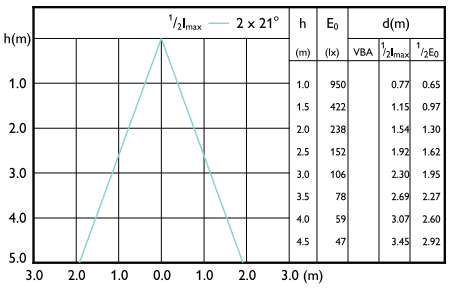
Beam diagram - MAS LED spot VLE D 4.9-50W GU10 940 36D



h (m)	E_0 (lx)	d(m) VBA	d(m) ½I_{max}	d(m) ½E_0
1.0	397		1.04	0.85
1.5	176		1.56	1.27
2.0	99		2.08	1.70
2.5	63		2.61	2.12
3.0	44		3.13	2.55
3.5	32		3.65	2.97
4.0	25		4.17	3.40
4.5	20		4.69	3.82

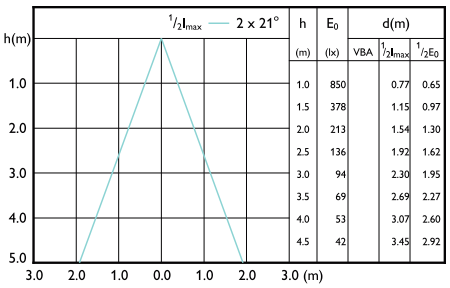
Beam diagram - MAS LED spot VLE D 4.9-50W GU10 930 60D

Beam Diagrams



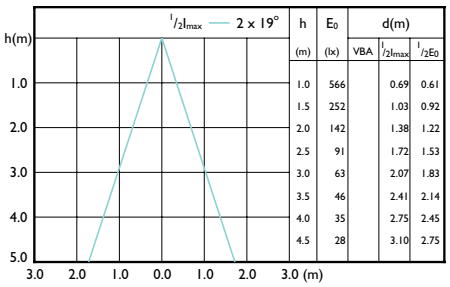
h (m)	E_0 (lx)	d(m) VBA	d(m) $^1/_2I_{max}$	d(m) $^1/_2E_0$
1.0	950		0.77	0.65
1.5	422		1.15	0.97
2.0	238		1.54	1.30
2.5	152		1.92	1.62
3.0	106		2.30	1.95
3.5	78		2.69	2.27
4.0	59		3.07	2.60
4.5	47		3.45	2.92

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



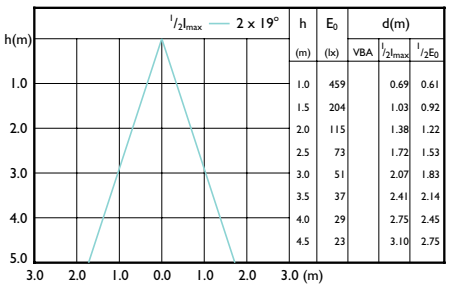
h (m)	E_0 (lx)	d(m) VBA	d(m) $^1/_2I_{max}$	d(m) $^1/_2E_0$
1.0	850		0.77	0.65
1.5	378		1.15	0.97
2.0	213		1.54	1.30
2.5	136		1.92	1.62
3.0	94		2.30	1.95
3.5	69		2.69	2.27
4.0	53		3.07	2.60
4.5	42		3.45	2.92

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



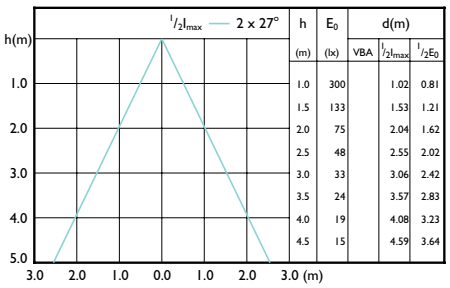
h (m)	E_0 (lx)	d(m) VBA	d(m) $^1/_2I_{max}$	d(m) $^1/_2E_0$
1.0	566		0.69	0.61
1.5	252		1.03	0.92
2.0	142		1.38	1.22
2.5	91		1.72	1.53
3.0	63		2.07	1.83
3.5	46		2.41	2.14
4.0	35		2.75	2.45
4.5	28		3.10	2.75

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



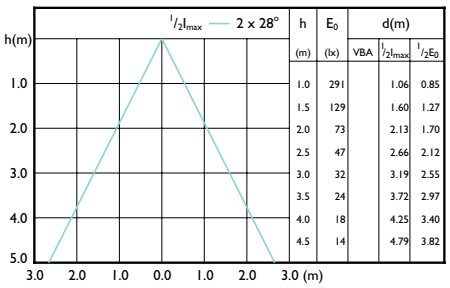
h (m)	E_0 (lx)	d(m) VBA	d(m) $^1/_2I_{max}$	d(m) $^1/_2E_0$
1.0	459		0.69	0.61
1.5	204		1.03	0.92
2.0	115		1.38	1.22
2.5	73		1.72	1.53
3.0	51		2.07	1.83
3.5	37		2.41	2.14
4.0	29		2.75	2.45
4.5	23		3.10	2.75

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



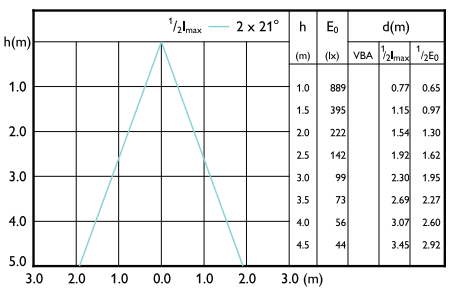
h (m)	E_0 (lx)	d(m) VBA	d(m) $^1/_2I_{max}$	d(m) $^1/_2E_0$
1.0	300		1.02	0.81
1.5	133		1.53	1.21
2.0	75		2.04	1.62
2.5	48		2.55	2.02
3.0	33		3.06	2.42
3.5	24		3.57	2.83
4.0	19		4.08	3.23
4.5	15		4.59	3.64

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



h (m)	E_0 (lx)	d(m) VBA	d(m) $^1/_2I_{max}$	d(m) $^1/_2E_0$
1.0	291		1.06	0.85
1.5	129		1.60	1.27
2.0	73		2.13	1.70
2.5	47		2.66	2.12
3.0	32		3.19	2.55
3.5	24		3.72	2.97
4.0	18		4.25	3.40
4.5	14		4.79	3.82

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



h (m)	E_0 (lx)	d(m) VBA	d(m) $^1/_2I_{max}$	d(m) $^1/_2E_0$
1.0	889		0.77	0.65
1.5	395		1.15	0.97
2.0	222		1.54	1.30
2.5	142		1.92	1.62
3.0	99		2.30	1.95
3.5	73		2.69	2.27
4.0	56		3.07	2.60
4.5	44		3.45	2.92

Beam diagram - MAS LED spot VLE D 6.2-80W GU10 965 36D

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