

Per il massimo livello di performance e sostenibilità

MASTER LEDspot ExpertColor MV

MASTER LEDspot ExpertColor crea un'atmosfera calda e confortevole per hotel, ristoranti e bar con un'illuminazione di qualità superiore, caratterizzata da uno spettro di colore personalizzato, CRI elevato e una funzione avanzata di regolazione del flusso. Il design delle lenti trimless, che costituisce l'aspetto più innovativo di questa soluzione, si abbina perfettamente a qualsiasi tipo di arredamento grazie alle sue linee semplici e pulite. Inoltre, con MASTER LEDspot ExpertColor puoi sfruttare l'intera famiglia ExpertColor, che include anche le lampade LEDspot MR16, LEDspot AR111 e LEDspot PAR. MASTER LEDspot ExpertColor offre incredibili risparmi energetici e riduce al minimo i costi di manutenzione senza compromettere la qualità della luce e la durata, consentendo ai proprietari di edifici residenziali e uffici di ottenere un ritorno sull'investimento in breve tempo.

Vantaggi

- Crea un'atmosfera calda e confortevole con MASTER LED GU10
- Soluzione retrofit estremamente semplice per migliorare l'efficienza energetica e la sostenibilità
- Complementi di arredo, mobili e tessuti appaiono al meglio

Caratteristiche

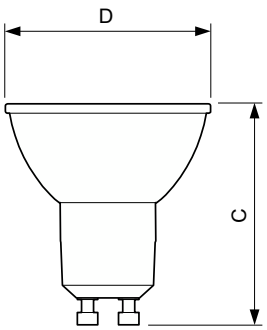
- Spettro di colore personalizzato che replica l'effetto alogeno
- Migliore resa cromatica CRI97, R9>85
- Sostituzione diretta per lampade alogene GU10 a tensione di rete
- Oscuramento uniforme e profondo con ampia compatibilità dei trasformatori

MASTER LEDspot ExpertColor MV

Applicazione

- Hotel, ristoranti e bar
- Vendita al dettaglio
- Strutture residenziali

Disegno tecnico



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 25D	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 24D	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 927 36D	50 mm	54 mm
MAS LED ExpertColor 5.5-50W GU10 930 24D	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 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

Informazioni generali	
Attacco	GU10
Ciclo di commutazione on/off	50.000
Durata nominale	40.000 ore
Dati tecnici di illuminazione	
Indice di resa cromatica (CRI)	97
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
Temperatura	
Temp. massima involucro (Nom)	80 °C
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
70749400	MASTER LED ExpertColor 3.9-35W GU10 927 25D	25 °	2700 K	927	265 lm
70751700	MASTER LED ExpertColor 3.9-35W GU10 930 25D	25 °	3000 K	930	280 lm
70753100	MASTER LED ExpertColor 3.9-35W GU10 940 25D	25 °	4000 K	940	300 lm
70755500	MASTER LED ExpertColor 3.9-35W GU10 927 36D	36 °	2700 K	927	265 lm
70757900	MASTER LED ExpertColor 3.9-35W GU10 930 36D	36 °	3000 K	930	280 lm
70759300	MASTER LED ExpertColor 3.9-35W GU10 940 36D	36 °	4000 K	940	300 lm
70761600	MASTER LED ExpertColor 5.5-50W GU10 927 25D	25 °	2700 K	927	355 lm
75586000	MASTER LED ExpertColor 5.5-50W GU10 927 24D	24 °	2700 K	927	385 lm
70763000	MASTER LED ExpertColor 5.5-50W GU10 930 25D	25 °	3000 K	930	375 lm
75588400	MASTER LED ExpertColor 5.5-50W GU10 930 24D	24 °	3000 K	930	405 lm
70765400	MASTER LED ExpertColor 5.5-50W GU10 940 25D	25 °	4000 K	940	400 lm

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Order Code	Full Product Name	Angolo del fascio (Nom)	Temperatura del colore correlata	Codice colore	Flusso luminoso
70767800	MASTER LED ExpertColor 5.5-50W GU10 927 36D	36 °	2700 K	927	355 lm
70733300	MASTER LED ExpertColor 5.5-50W GU10 927 36D	36 °	2700 K	927	385 lm
70769200	MASTER LED ExpertColor 5.5-50W GU10 930 36D	36 °	3000 K	930	375 lm
75590700	MASTER LED ExpertColor 5.5-50W GU10 930 36D	36 °	3000 K	930	405 lm
70771500	MASTER LED ExpertColor 5.5-50W GU10 940 36D	36 °	4000 K	940	400 lm

Dati tecnici di illuminazione (2/2)

Order Code	Full Product Name	Intensità luminosa (Nom)
70749400	MASTER LED ExpertColor 3.9-35W GU10 927 25D	700 cd
70751700	MASTER LED ExpertColor 3.9-35W GU10 930 25D	750 cd
70753100	MASTER LED ExpertColor 3.9-35W GU10 940 25D	800 cd
70755500	MASTER LED ExpertColor 3.9-35W GU10 927 36D	540 cd
70757900	MASTER LED ExpertColor 3.9-35W GU10 930 36D	560 cd
70759300	MASTER LED ExpertColor 3.9-35W GU10 940 36D	600 cd
70761600	MASTER LED ExpertColor 5.5-50W GU10 927 25D	1.000 cd
75586000	MASTER LED ExpertColor 5.5-50W GU10 927 24D	1.000 cd

Order Code	Full Product Name	Intensità luminosa (Nom)
70763000	MASTER LED ExpertColor 5.5-50W GU10 930 25D	1.000 cd
75588400	MASTER LED ExpertColor 5.5-50W GU10 930 24D	1.000 cd
70765400	MASTER LED ExpertColor 5.5-50W GU10 940 25D	1.050 cd
70767800	MASTER LED ExpertColor 5.5-50W GU10 927 36D	800 cd
70733300	MASTER LED ExpertColor 5.5-50W GU10 927 36D	800 cd
70769200	MASTER LED ExpertColor 5.5-50W GU10 930 36D	800 cd
75590700	MASTER LED ExpertColor 5.5-50W GU10 930 36D	800 cd
70771500	MASTER LED ExpertColor 5.5-50W GU10 940 36D	800 cd

Funzionamento e parte elettrica

Order Code	Full Product Name	Consumo energetico	Potenza equivalente
70749400	MASTER LED ExpertColor 3.9-35W GU10 927 25D	3,9 W	35 W
70751700	MASTER LED ExpertColor 3.9-35W GU10 930 25D	3,9 W	35 W
70753100	MASTER LED ExpertColor 3.9-35W GU10 940 25D	3,9 W	35 W
70755500	MASTER LED ExpertColor 3.9-35W GU10 927 36D	3,9 W	35 W
70757900	MASTER LED ExpertColor 3.9-35W GU10 930 36D	3,9 W	35 W
70759300	MASTER LED ExpertColor 3.9-35W GU10 940 36D	3,9 W	35 W
70761600	MASTER LED ExpertColor 5.5-50W GU10 927 25D	5,5 W	50 W
75586000	MASTER LED ExpertColor 5.5-50W GU10 927 24D	5,5 W	50 W

Order Code	Full Product Name	Consumo energetico	Potenza equivalente
70763000	MASTER LED ExpertColor 5.5-50W GU10 930 25D	5,5 W	50 W
75588400	MASTER LED ExpertColor 5.5-50W GU10 930 24D	5,5 W	50 W
70765400	MASTER LED ExpertColor 5.5-50W GU10 940 25D	5,5 W	50 W
70767800	MASTER LED ExpertColor 5.5-50W GU10 927 36D	5,5 W	50 W
70733300	MASTER LED ExpertColor 5.5-50W GU10 927 36D	5,5 W	50 W
70769200	MASTER LED ExpertColor 5.5-50W GU10 930 36D	5,5 W	50 W
75590700	MASTER LED ExpertColor 5.5-50W GU10 930 36D	5,5 W	50 W
70771500	MASTER LED ExpertColor 5.5-50W GU10 940 36D	5,5 W	50 W

Controlli e dimmerazione

Order Code	Full Product Name	Dimmerabile
70749400	MASTER LED ExpertColor 3.9-35W GU10 927 25D	Solo con dimmer specifici

Order Code	Full Product Name	Dimmerabile
70751700	MASTER LED ExpertColor 3.9-35W GU10 930 25D	Solo con dimmer specifici

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Order Code	Full Product Name	Dimmerabile
70753100	MASTER LED ExpertColor 3.9-35W GU10 940 25D	Solo con dimmer specifici
70755500	MASTER LED ExpertColor 3.9-35W GU10 927 36D	Solo con dimmer specifici
70757900	MASTER LED ExpertColor 3.9-35W GU10 930 36D	Solo con dimmer specifici
70759300	MASTER LED ExpertColor 3.9-35W GU10 940 36D	Solo con dimmer specifici
70761600	MASTER LED ExpertColor 5.5-50W GU10 927 25D	Solo con dimmer specifici
75586000	MASTER LED ExpertColor 5.5-50W GU10 927 24D	Sì
70763000	MASTER LED ExpertColor 5.5-50W GU10 930 25D	Solo con dimmer specifici

Order Code	Full Product Name	Dimmerabile
75588400	MASTER LED ExpertColor 5.5-50W GU10 930 24D	Sì
70765400	MASTER LED ExpertColor 5.5-50W GU10 940 25D	Solo con dimmer specifici
70767800	MASTER LED ExpertColor 5.5-50W GU10 927 36D	Solo con dimmer specifici
70733300	MASTER LED ExpertColor 5.5-50W GU10 927 36D	Sì
70769200	MASTER LED ExpertColor 5.5-50W GU10 930 36D	Solo con dimmer specifici
75590700	MASTER LED ExpertColor 5.5-50W GU10 930 36D	Sì
70771500	MASTER LED ExpertColor 5.5-50W GU10 940 36D	Solo con dimmer specifici

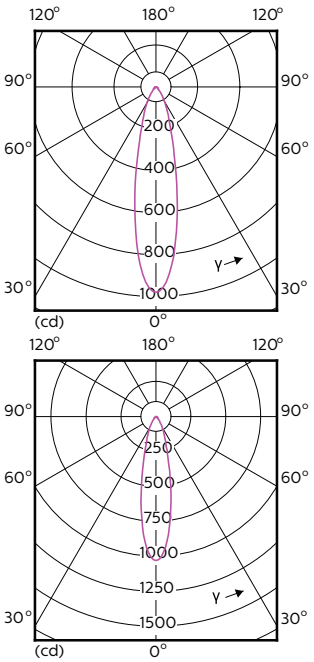
Meccanica e corpo

Order Code	Full Product Name	Finitura lampadina
70749400	MASTER LED ExpertColor 3.9-35W GU10 927 25D	-
70751700	MASTER LED ExpertColor 3.9-35W GU10 930 25D	-
70753100	MASTER LED ExpertColor 3.9-35W GU10 940 25D	-
70755500	MASTER LED ExpertColor 3.9-35W GU10 927 36D	-
70757900	MASTER LED ExpertColor 3.9-35W GU10 930 36D	-
70759300	MASTER LED ExpertColor 3.9-35W GU10 940 36D	Trasparente
70761600	MASTER LED ExpertColor 5.5-50W GU10 927 25D	Trasparente
75586000	MASTER LED ExpertColor 5.5-50W GU10 927 24D	-

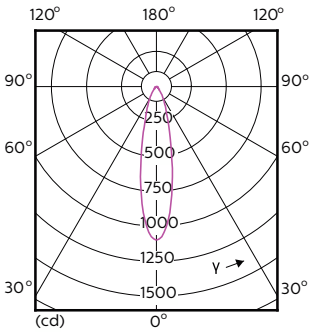
Order Code	Full Product Name	Finitura lampadina
70763000	MASTER LED ExpertColor 5.5-50W GU10 930 25D	Trasparente
75588400	MASTER LED ExpertColor 5.5-50W GU10 930 24D	-
70765400	MASTER LED ExpertColor 5.5-50W GU10 940 25D	-
70767800	MASTER LED ExpertColor 5.5-50W GU10 927 36D	-
70733300	MASTER LED ExpertColor 5.5-50W GU10 927 36D	-
70769200	MASTER LED ExpertColor 5.5-50W GU10 930 36D	-
75590700	MASTER LED ExpertColor 5.5-50W GU10 930 36D	-
70771500	MASTER LED ExpertColor 5.5-50W GU10 940 36D	-

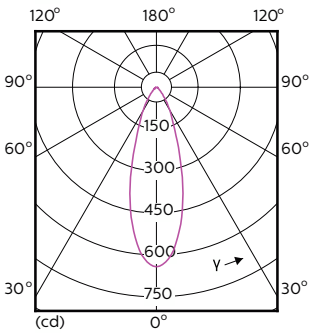
Approvazione e applicazione

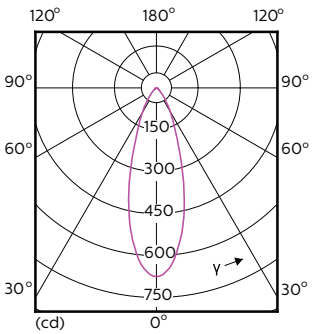
Order Code	Full Product Name	Consumo energetico kWh/1000 h
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70751700	MASTER LED ExpertColor 3.9-35W GU10 930 25D	4 kWh
70753100	MASTER LED ExpertColor 3.9-35W GU10 940 25D	4 kWh
70755500	MASTER LED ExpertColor 3.9-35W GU10 927 36D	4 kWh
70757900	MASTER LED ExpertColor 3.9-35W GU10 930 36D	4 kWh
70759300	MASTER LED ExpertColor 3.9-35W GU10 940 36D	4 kWh
70761600	MASTER LED ExpertColor 5.5-50W GU10 927 25D	6 kWh
75586000	MASTER LED ExpertColor 5.5-50W GU10 927 24D	6 kWh
70763000	MASTER LED ExpertColor 5.5-50W GU10 930 25D	6 kWh
75588400	MASTER LED ExpertColor 5.5-50W GU10 930 24D	6 kWh
70765400	MASTER LED ExpertColor 5.5-50W GU10 940 25D	6 kWh
70767800	MASTER LED ExpertColor 5.5-50W GU10 927 36D	6 kWh
70733300	MASTER LED ExpertColor 5.5-50W GU10 927 36D	6 kWh
70769200	MASTER LED ExpertColor 5.5-50W GU10 930 36D	6 kWh
75590700	MASTER LED ExpertColor 5.5-50W GU10 930 36D	6 kWh
70771500	MASTER LED ExpertColor 5.5-50W GU10 940 36D	6 kWh

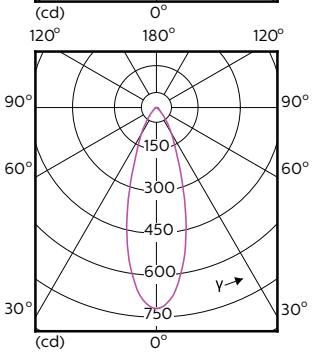


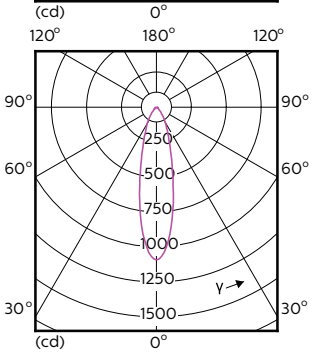
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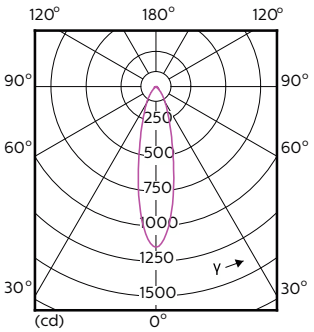


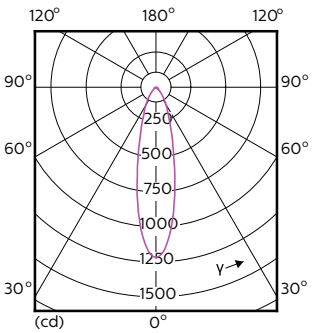


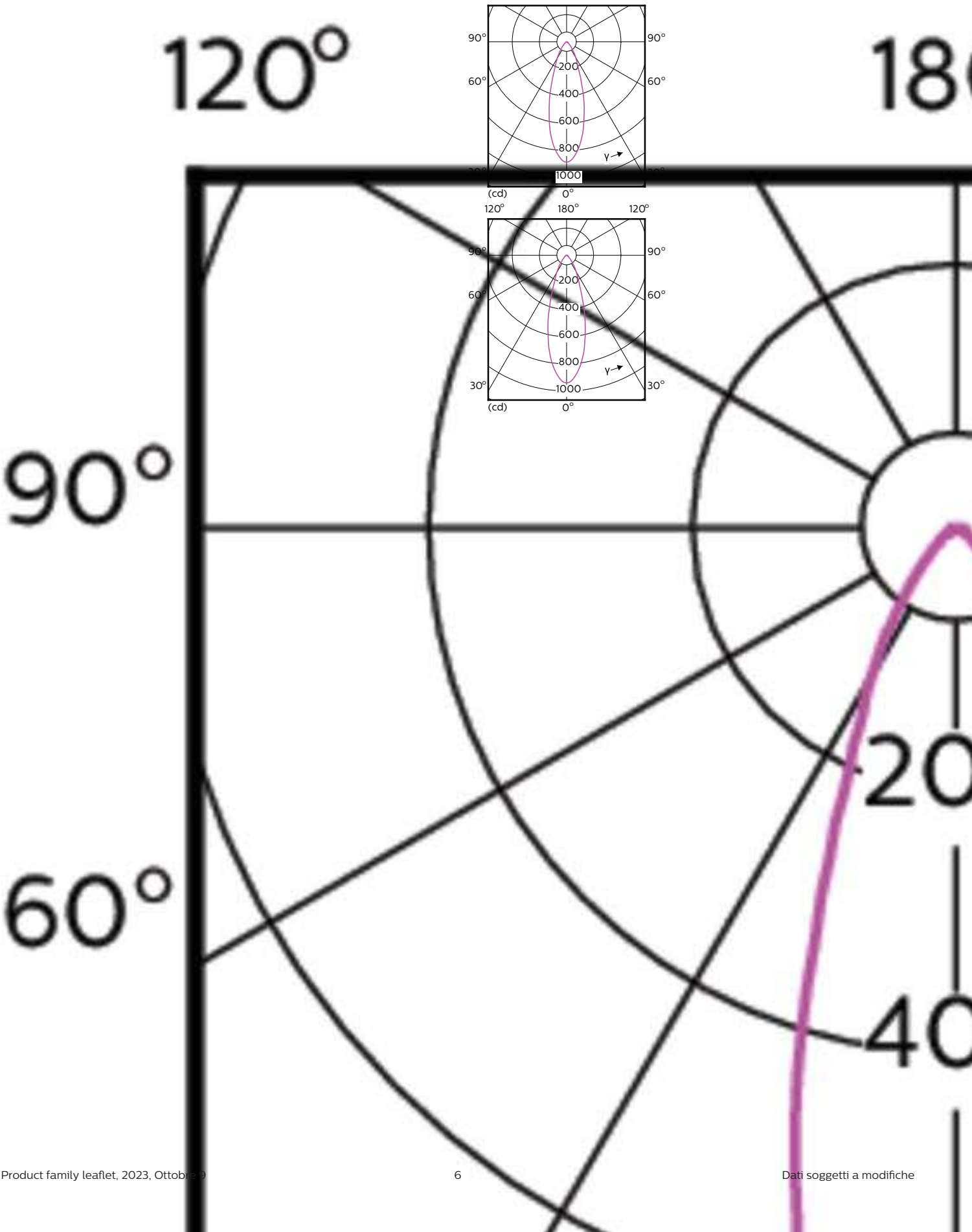




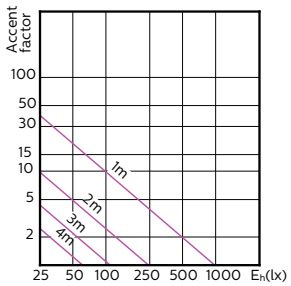




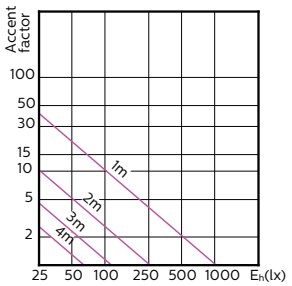



120°
90°
60°
90°
60°
90°
60°
200
400
600
800
1000
(cd)
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120°
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800
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(cd)
0°

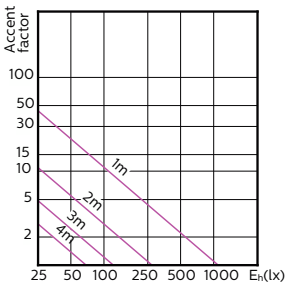
Accent Diagrams



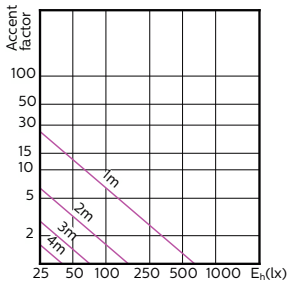
Accent Diagram - MAS LED ExpertColor 3.9-35W GU10 927 25D



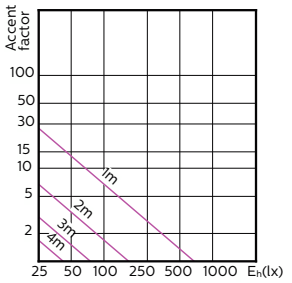
Accent Diagram - MAS LED ExpertColor 3.9-35W GU10 930 25D



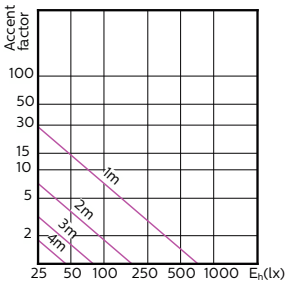
Accent Diagram - MAS LED ExpertColor 3.9-35W GU10 940 25D



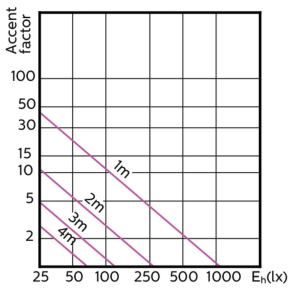
Accent Diagram - MAS LED ExpertColor 3.9-35W GU10 927 36D



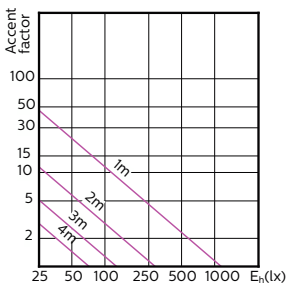
Accent Diagram - MAS LED ExpertColor 3.9-35W GU10 930 36D



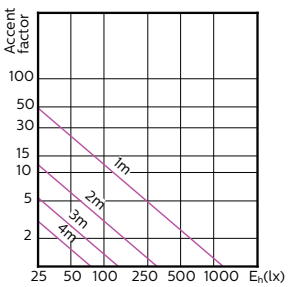
Accent Diagram - MAS LED ExpertColor 3.9-35W GU10 940 36D



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

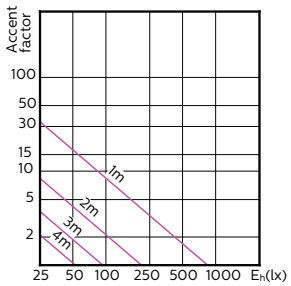


Accent Diagram - MAS LED ExpertColor 5.5-50W GU10 930 24D

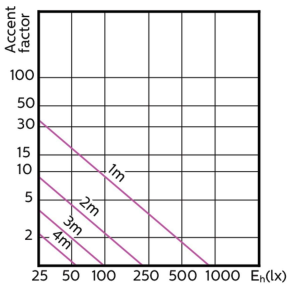


Accent Diagram - MAS LED ExpertColor 5.5-50W GU10 940 25D

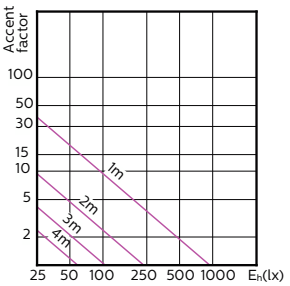
Accent Diagrams



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

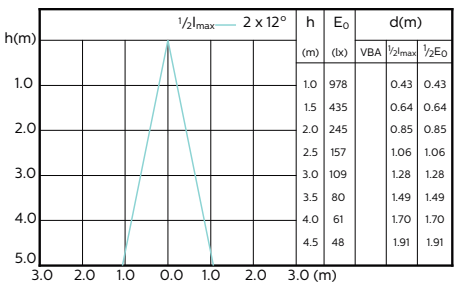


Accent Diagram - MAS LED ExpertColor 5.5-50W GU10 930 36D



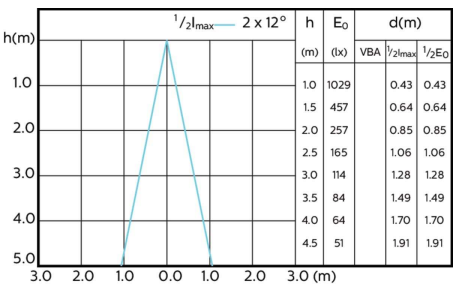
Accent Diagram - MAS LED ExpertColor 5.5-50W GU10 940 36D

Beam Diagrams



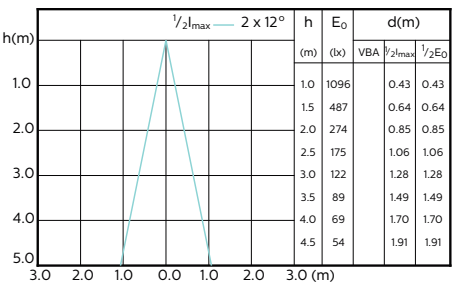
h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E_0
1.0	978		0.43	0.43
1.5	435		0.64	0.64
2.0	245		0.85	0.85
2.5	157		1.06	1.06
3.0	109		1.28	1.28
3.5	80		1.49	1.49
4.0	61		1.70	1.70
4.5	48		1.91	1.91

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



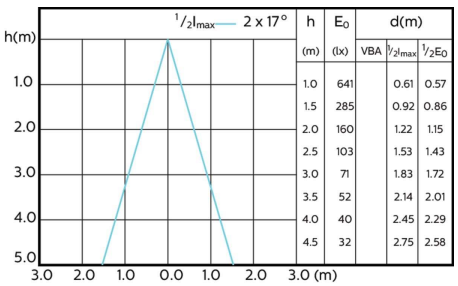
h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E_0
1.0	1029		0.43	0.43
1.5	457		0.64	0.64
2.0	257		0.85	0.85
2.5	165		1.06	1.06
3.0	114		1.28	1.28
3.5	84		1.49	1.49
4.0	64		1.70	1.70
4.5	51		1.91	1.91

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



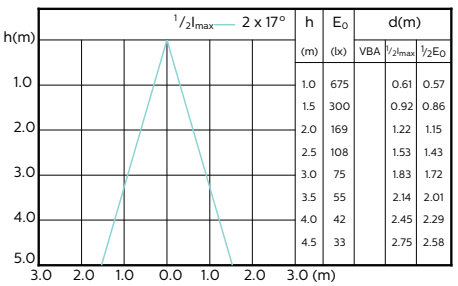
h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E_0
1.0	1096		0.43	0.43
1.5	487		0.64	0.64
2.0	274		0.85	0.85
2.5	175		1.06	1.06
3.0	122		1.28	1.28
3.5	89		1.49	1.49
4.0	69		1.70	1.70
4.5	54		1.91	1.91

Beam diagram - MAS LED ExpertColor 3.9-35W GU10 940 25D



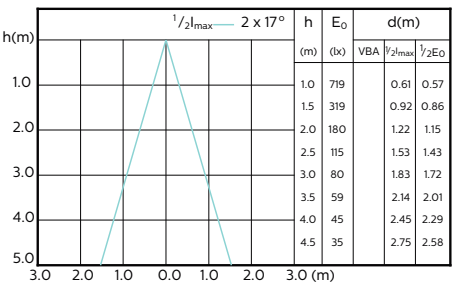
h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E_0
1.0	641		0.61	0.57
1.5	285		0.92	0.86
2.0	160		1.22	1.15
2.5	103		1.53	1.43
3.0	71		1.83	1.72
3.5	52		2.14	2.01
4.0	40		2.45	2.29
4.5	32		2.75	2.58

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



h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E_0
1.0	675		0.61	0.57
1.5	300		0.92	0.86
2.0	169		1.22	1.15
2.5	108		1.53	1.43
3.0	75		1.83	1.72
3.5	55		2.14	2.01
4.0	42		2.45	2.29
4.5	33		2.75	2.58

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

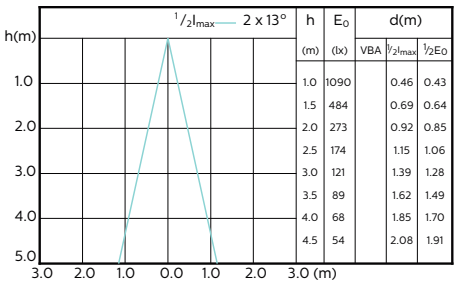


h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E_0
1.0	719		0.61	0.57
1.5	319		0.92	0.86
2.0	180		1.22	1.15
2.5	115		1.53	1.43
3.0	80		1.83	1.72
3.5	59		2.14	2.01
4.0	45		2.45	2.29
4.5	35		2.75	2.58

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

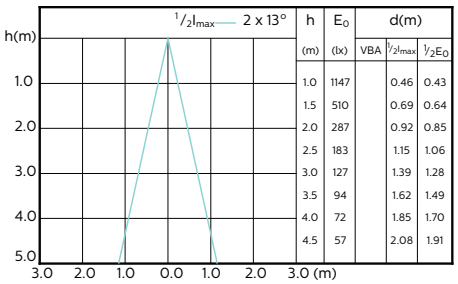
MASTER LEDspot ExpertColor MV

Beam Diagrams



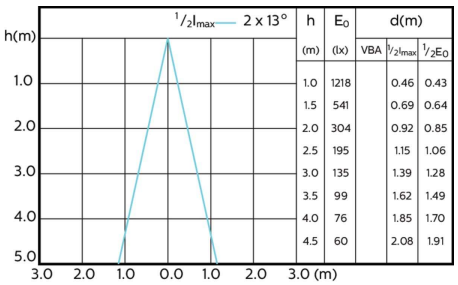
h (m)	E_0 (lx)	d(m) VBA	d(m) $^1/_2I_{max}$	d(m) $^1/_2E_0$
1.0	1090		0.46	0.43
1.5	484		0.69	0.64
2.0	273		0.92	0.85
2.5	174		1.15	1.06
3.0	121		1.39	1.28
3.5	89		1.62	1.49
4.0	68		1.85	1.70
4.5	54		2.08	1.91

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



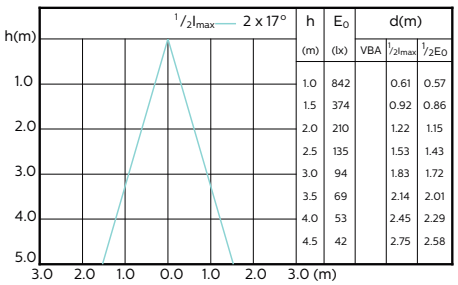
h (m)	E_0 (lx)	d(m) VBA	d(m) $^1/_2I_{max}$	d(m) $^1/_2E_0$
1.0	1147		0.46	0.43
1.5	510		0.69	0.64
2.0	287		0.92	0.85
2.5	183		1.15	1.06
3.0	127		1.39	1.28
3.5	94		1.62	1.49
4.0	72		1.85	1.70
4.5	57		2.08	1.91

Beam diagram - MAS LED ExpertColor 5.5-50W GU10 930 24D



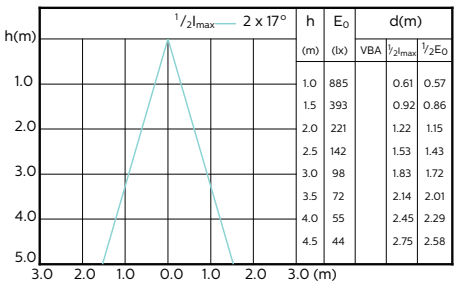
h (m)	E_0 (lx)	d(m) VBA	d(m) $^1/_2I_{max}$	d(m) $^1/_2E_0$
1.0	1218		0.46	0.43
1.5	541		0.69	0.64
2.0	304		0.92	0.85
2.5	195		1.15	1.06
3.0	135		1.39	1.28
3.5	99		1.62	1.49
4.0	76		1.85	1.70
4.5	60		2.08	1.91

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



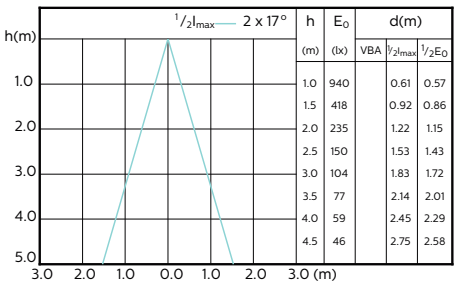
h (m)	E_0 (lx)	d(m) VBA	d(m) $^1/_2I_{max}$	d(m) $^1/_2E_0$
1.0	842		0.61	0.57
1.5	374		0.92	0.86
2.0	210		1.22	1.15
2.5	135		1.53	1.43
3.0	94		1.83	1.72
3.5	69		2.14	2.01
4.0	53		2.45	2.29
4.5	42		2.75	2.58

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



h (m)	E_0 (lx)	d(m) VBA	d(m) $^1/_2I_{max}$	d(m) $^1/_2E_0$
1.0	885		0.61	0.57
1.5	393		0.92	0.86
2.0	221		1.22	1.15
2.5	142		1.53	1.43
3.0	98		1.83	1.72
3.5	72		2.14	2.01
4.0	55		2.45	2.29
4.5	44		2.75	2.58

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



h (m)	E_0 (lx)	d(m) VBA	d(m) $^1/_2I_{max}$	d(m) $^1/_2E_0$
1.0	940		0.61	0.57
1.5	418		0.92	0.86
2.0	235		1.22	1.15
2.5	150		1.53	1.43
3.0	104		1.83	1.72
3.5	77		2.14	2.01
4.0	59		2.45	2.29
4.5	46		2.75	2.58

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

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