

MASTER LEDspot LV – idealne rozwiązanie dla oświetlenia punktowego

MASTER LEDspot 12V

Źródło światła LED w kształcie reflektora halogenowego, bezpośredni zamiennik 12 V lamp halogenowych, dostępny w wersjach z różną rozbieżnością użyteczną rozsyłu światła. Opatentowana technologia zasilacza pozwala na szeroką komaptybilność z dostępnymi na rynku transformatorami elektronicznymi i elektromagnetycznymi. Wersje z regulacją strumienia świetlnego, pozwalają na stworzenie unikalnej atmosfery w pomieszczeniu.

Korzyści

- Do 80% oszczędności energii w porównaniu ze źródłami halogenowymi
- Szeroka komaptybilnośc z transformatorami
- Bezpośredni zamiennik halogenów MR16 z trzonkiem GU5.3

Cechy

- Funkcja przyciemniania (wersje 7-35 W i 10-50 W)
- Opatentowany inteligentny zasilacz
- Technologia wymuszania ruchu powietrza (chłodzenie aktywne) przy bardzo niskim poziomie hałasu
- Trwałość od 25 000 do 45 000 godzin
- Ra90 (tylko wersja MR11)

Zastosowanie

- Hotele, restauracje, bary, kawiarnie
- Hole, korytarze, klatki schodowe, łazienki, recepcje

Wskazówki bezpieczeństwa i ostrzeżenia

- Zakres temperatur pracy wynosi od -20 °C do 45 °C
- Do stosowania w oprawach otwartch, które zapewniają wystarczającą przestrzeń (10 mm wolnej przestrzeni)
- Nie są przeznaczone do wykorzystywania jako źródła w oprawach awaryjnych lub ewaukacyjnych

Wersje

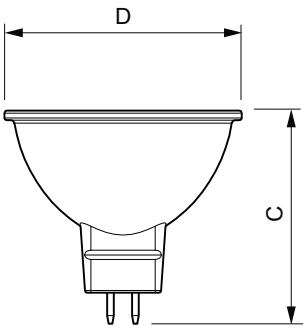


LEDspots MAS SLR 2 MR11 GU4

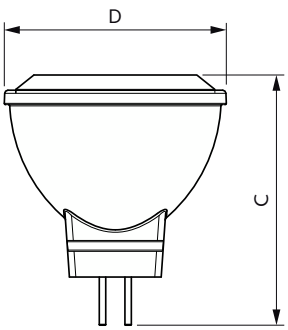


LEDspots MAS MR16 GU5,3 1

Rysunki techniczne



Product	D	C
MAS LED SPOT VLE D 7.5-50W MR16 927 36D	50,5 mm	45,5 mm
MAS LED SPOT VLE D 7.5-50W MR16 927 60D	50,5 mm	45,5 mm
MAS LED SPOT VLE D 7.5-50W MR16 930 36D	50,5 mm	45,5 mm
MAS LED SPOT VLE D 7.5-50W MR16 930 60D	50,5 mm	45,5 mm
MAS LED SPOT VLE D 7.5-50W MR16 940 36D	50,5 mm	45,5 mm
MAS LED SPOT VLE D 7.5-50W MR16 940 60D	50,5 mm	45,5 mm
MAS LED spot VLE D 5.8-35W MR16 927 36D	50,5 mm	45,5 mm
MAS LED spot VLE D 5.8-35W MR16 927 60D	50,5 mm	45,5 mm
MAS LED spot VLE D 5.8-35W MR16 930 36D	50,5 mm	45,5 mm
MAS LED spot VLE D 5.8-35W MR16 930 60D	50,5 mm	45,5 mm
MAS LED spot VLE D 5.8-35W MR16 940 36D	50,5 mm	45,5 mm
MAS LED spot VLE D 5.8-35W MR16 940 60D	50,5 mm	45,5 mm



Product	D	C
MAS LEDspotLV 3.5-20W 827 MR11 24D	35,1 mm	39,5 mm

MASTER LEDspot 12V

Informacje ogólne	
Cykl Przełączania	50 000

Dane techniczne oświetlenia	
LLMF At End Of Nominal Lifetime (Nom)	70 %

Eksploatacja i połączenie elektryczne	
Częstotliwość wejściowa	- Hz
Częstotliwość linii	- Hz
Czas uruchomienia (Nom)	0,5 s

Informacje ogólne

Order Code	Full Product Name	Podstawa-nasadka	Nominalny okres eksploatacji
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	GU5.3	25 000 h
30720900	MASTER LED spot VLE D 5.8-35W MR16 930 36D	GU5.3	25 000 h
30722300	MASTER LED spot VLE D 5.8-35W MR16 940 36D	GU5.3	25 000 h
30724700	MASTER LED spot VLE D 5.8-35W MR16 927 60D	GU5.3	25 000 h
30726100	MASTER LED spot VLE D 5.8-35W MR16 930 60D	GU5.3	25 000 h
30728500	MASTER LED spot VLE D 5.8-35W MR16 940 60D	GU5.3	25 000 h
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	GU5.3	25 000 h

Order Code	Full Product Name	Podstawa-nasadka	Nominalny okres eksploatacji
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	GU5.3	25 000 h
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	GU5.3	25 000 h
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	GU4	40 000 h
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	GU5.3	25 000 h
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	GU5.3	25 000 h
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	GU5.3	25 000 h

Dane techniczne oświetlenia

Order Code	Full Product Name	Kąt rozsyłu światła (Nom)	Skorelowana Temperatura Barwowa (Nom)	Wskaźnik oddawania barw (CRI)	Kod barwy	Strumień Świetlny	Światłość (Nom)
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	36 °	2700 K	90	927	450 lm	1 300 cd
30720900	MASTER LED spot VLE D 5.8-35W MR16 930 36D	36 °	3000 K	90	930	460 lm	1 300 cd
30722300	MASTER LED spot VLE D 5.8-35W MR16 940 36D	36 °	4000 K	90	940	490 lm	1 200 cd
30724700	MASTER LED spot VLE D 5.8-35W MR16 927 60D	60 °	2700 K	90	927	450 lm	600 cd
30726100	MASTER LED spot VLE D 5.8-35W MR16 930 60D	60 °	3000 K	90	930	460 lm	600 cd
30728500	MASTER LED spot VLE D 5.8-35W MR16 940 60D	60 °	4000 K	90	940	490 lm	550 cd
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	36 °	2700 K	90	927	621 lm	1 600 cd
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	36 °	3000 K	90	930	630 lm	1 600 cd
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	36 °	4000 K	90	940	660 lm	1 500 cd
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	24 °	2700 K	80	827	200 lm	1 000 cd
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	60 °	2700 K	90	927	621 lm	750 cd
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	60 °	3000 K	90	930	630 lm	800 cd
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	60 °	4000 K	90	940	660 lm	770 cd

Eksploatacja i połączenie elektryczne

MASTER LEDspot 12V

Order Code	Full Product Name	Zużycie energii	Równoważna moc w watach
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	5,8 W	35 W
30720900	MASTER LED spot VLE D 5.8-35W MR16 930 36D	5,8 W	35 W
30722300	MASTER LED spot VLE D 5.8-35W MR16 940 36D	5,8 W	35 W
30724700	MASTER LED spot VLE D 5.8-35W MR16 927 60D	5,8 W	35 W
30726100	MASTER LED spot VLE D 5.8-35W MR16 930 60D	5,8 W	35 W
30728500	MASTER LED spot VLE D 5.8-35W MR16 940 60D	5,8 W	35 W
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	7,5 W	50 W
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	7,5 W	50 W
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	7,5 W	50 W
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	3,5 W	20 W
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	7,5 W	50 W
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	7,5 W	50 W
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	7,5 W	50 W

Temperatura

Order Code	Full Product Name	Maksymalna temperatura obudowy (Nom)
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	85 °C
30720900	MASTER LED spot VLE D 5.8-35W MR16 930 36D	85 °C
30722300	MASTER LED spot VLE D 5.8-35W MR16 940 36D	85 °C
30724700	MASTER LED spot VLE D 5.8-35W MR16 927 60D	85 °C
30726100	MASTER LED spot VLE D 5.8-35W MR16 930 60D	85 °C
30728500	MASTER LED spot VLE D 5.8-35W MR16 940 60D	85 °C
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	95 °C
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	95 °C
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	95 °C
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	85 °C
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	95 °C
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	95 °C
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	95 °C

Układy sterowania i ściemnianie

Order Code	Full Product Name	Z możliwością przyciemniania
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	Tylko z niektórymi ściemniaczami
30720900	MASTER LED spot VLE D 5.8-35W MR16 930 36D	Tylko z niektórymi ściemniaczami
30722300	MASTER LED spot VLE D 5.8-35W MR16 940 36D	Tylko z niektórymi ściemniaczami
30724700	MASTER LED spot VLE D 5.8-35W MR16 927 60D	Tylko z niektórymi ściemniaczami
30726100	MASTER LED spot VLE D 5.8-35W MR16 930 60D	Tylko z niektórymi ściemniaczami
30728500	MASTER LED spot VLE D 5.8-35W MR16 940 60D	Tylko z niektórymi ściemniaczami
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	Tylko z niektórymi ściemniaczami
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	Tylko z niektórymi ściemniaczami
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	Tylko z niektórymi ściemniaczami
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	Nie
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	Tylko z niektórymi ściemniaczami
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	Tylko z niektórymi ściemniaczami
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	Tylko z niektórymi ściemniaczami

Mechanika i korpus

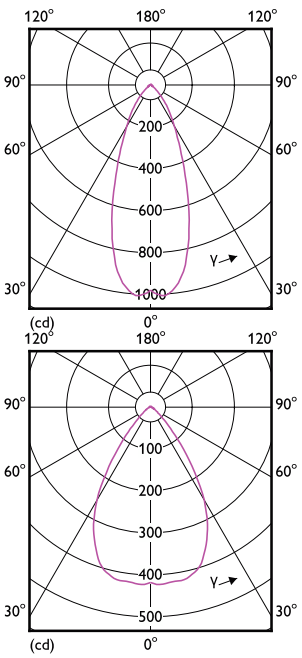
MASTER LEDspot 12V

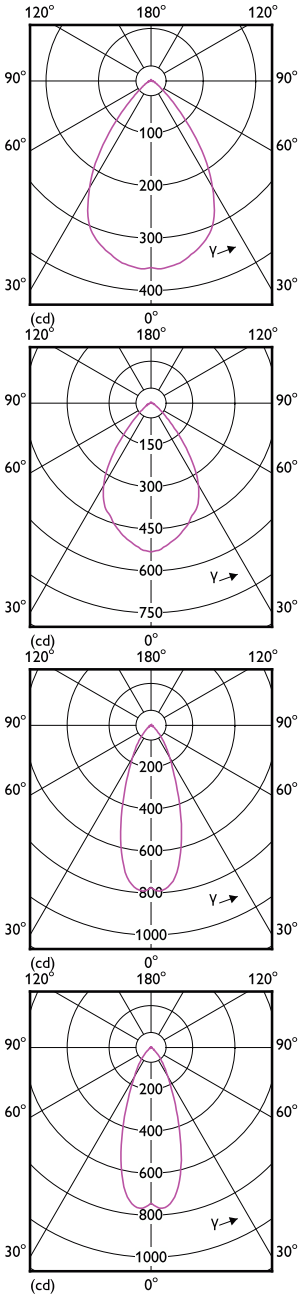
Order Code	Full Product Name	Kształt bańki
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	MR16
30720900	MASTER LED spot VLE D 5.8-35W MR16 930 36D	MR16
30722300	MASTER LED spot VLE D 5.8-35W MR16 940 36D	MR16
30724700	MASTER LED spot VLE D 5.8-35W MR16 927 60D	MR16
30726100	MASTER LED spot VLE D 5.8-35W MR16 930 60D	MR16
30728500	MASTER LED spot VLE D 5.8-35W MR16 940 60D	MR16
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	MR16

Order Code	Full Product Name	Kształt bańki
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	MR16
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	MR16
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	MR11
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	MR16
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	MR16
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	MR16

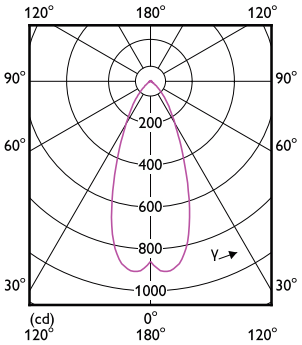
Certyfikaty i zastosowania

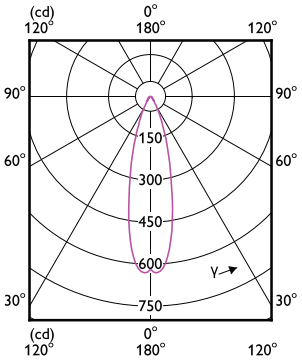
Order Code	Full Product Name	Zużycie energii elektrycznej w kWh/ 1000 h
30718600	MASTER LED spot VLE D 5.8-35W MR16 927 36D	6 kWh
30720900	MASTER LED spot VLE D 5.8-35W MR16 930 36D	6 kWh
30722300	MASTER LED spot VLE D 5.8-35W MR16 940 36D	6 kWh
30724700	MASTER LED spot VLE D 5.8-35W MR16 927 60D	6 kWh
30726100	MASTER LED spot VLE D 5.8-35W MR16 930 60D	6 kWh
30728500	MASTER LED spot VLE D 5.8-35W MR16 940 60D	6 kWh
30732200	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	8 kWh
30734600	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	8 kWh
30736000	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	8 kWh
35990100	MASTER LEDspotLV 3.5-20W 827 MR11 24D	4 kWh
30738400	MASTER LED SPOT VLE D 7.5-50W MR16 927 60D	8 kWh
30740700	MASTER LED SPOT VLE D 7.5-50W MR16 930 60D	8 kWh
30742100	MASTER LED SPOT VLE D 7.5-50W MR16 940 60D	8 kWh

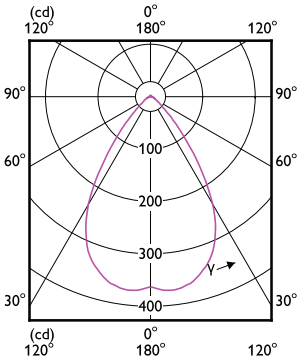


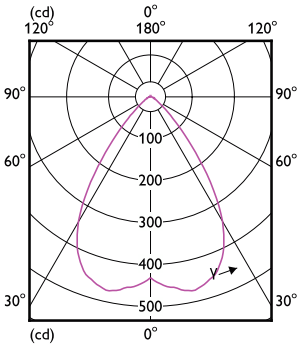


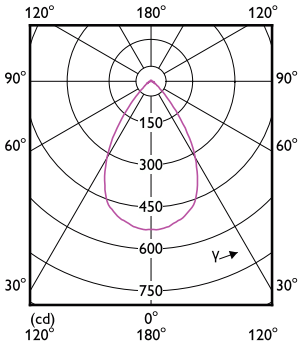
MASTER LEDspot 12V

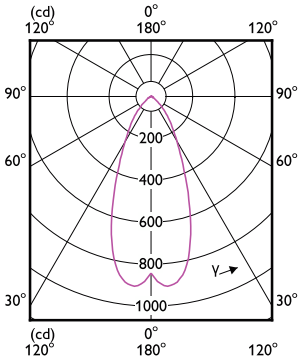


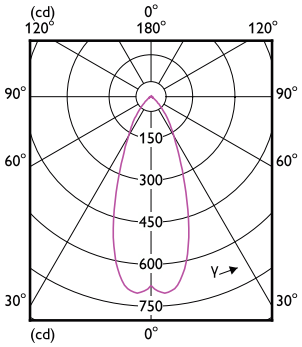




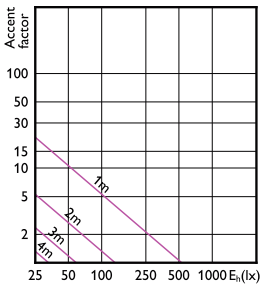




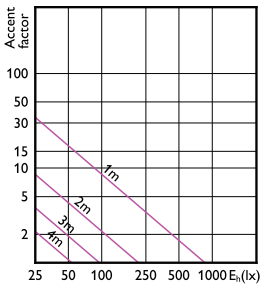




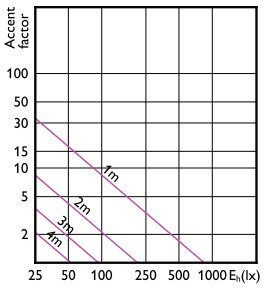
Accent Diagrams



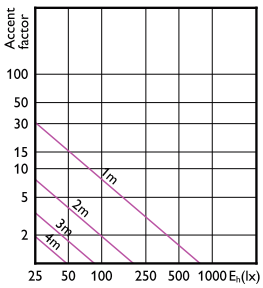
Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 927 60D



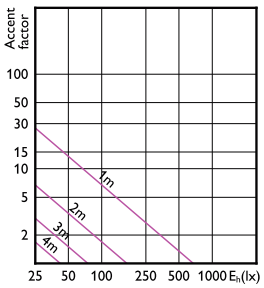
Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 930 36D



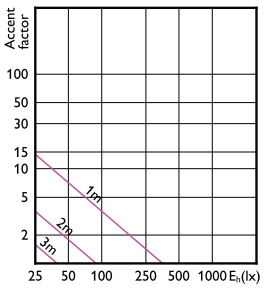
Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 940 36D



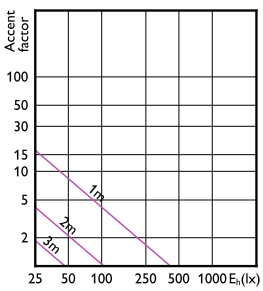
Accent Diagram - MAS LED spot VLE D 5.8-35W MR16 940 36D



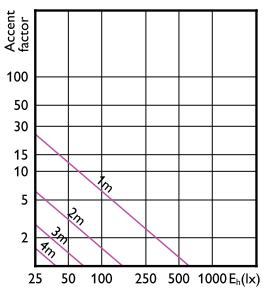
Accent Diagram - MAS LED spot VLE D 5.8-35W MR16 927 36D



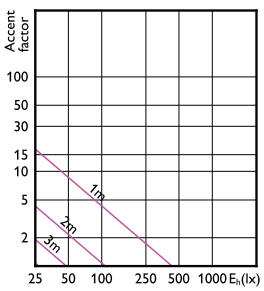
Accent Diagram - MAS LED spot VLE D 5.8-35W MR16 930 60D



Accent Diagram - MAS LED spot VLE D 5.8-35W MR16 940 60D

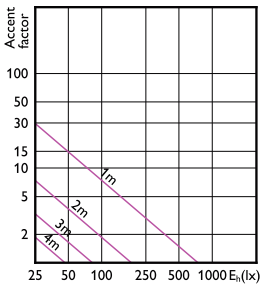


Accent Diagram - MAS LEDspotLV 3.5-20W 827 MR11 24D

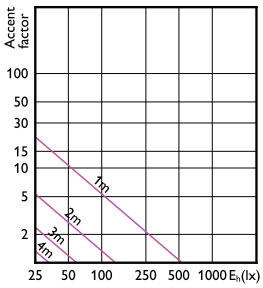


Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 930 60D

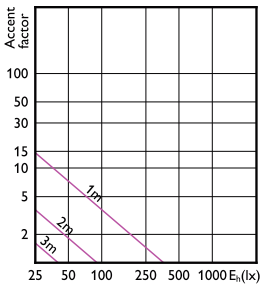
Accent Diagrams



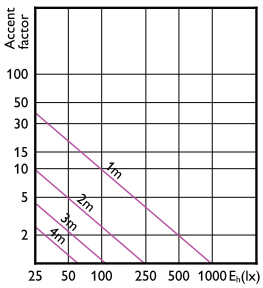
Accent Diagram - MAS LED spot VLE D 5.8-35W MR16 930 36D



Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 940 60D

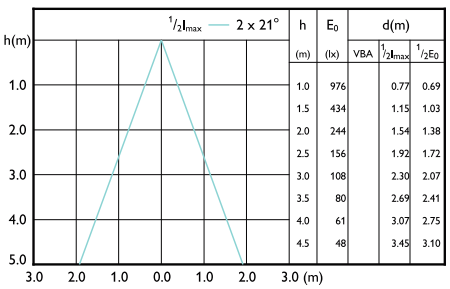


Accent Diagram - MAS LED spot VLE D 5.8-35W MR16 927 60D



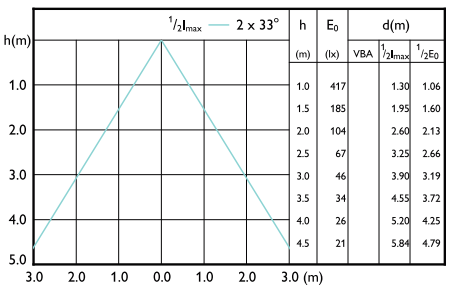
Accent Diagram - MAS LED SPOT VLE D 7.5-50W MR16 927 36D

Rozsył



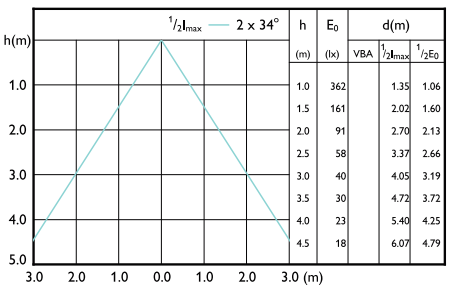
h (m)	E0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
1.0	976		0.77	0.69
1.5	434		1.15	1.03
2.0	244		1.54	1.38
2.5	156		1.92	1.72
3.0	108		2.30	2.07
3.5	80		2.69	2.41
4.0	61		3.07	2.75
4.5	48		3.45	3.10

Beam diagram - MAS LED SPOT VLE D 7.5-50W MR16 927 36D



h (m)	E0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
1.0	417		1.30	1.06
1.5	185		1.95	1.60
2.0	104		2.60	2.13
2.5	67		3.25	2.66
3.0	46		3.90	3.19
3.5	34		4.55	3.72
4.0	26		5.20	4.25
4.5	21		5.84	4.79

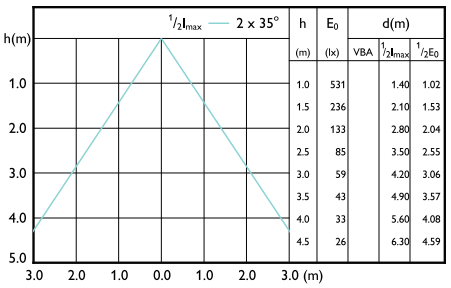
Beam diagram - MAS LED spot VLE D 5.8-35W MR16 940 60D



h (m)	E0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
1.0	362		1.35	1.06
1.5	161		2.02	1.60
2.0	91		2.70	2.13
2.5	58		3.37	2.66
3.0	40		4.05	3.19
3.5	30		4.72	3.72
4.0	23		5.40	4.25
4.5	18		6.07	4.79

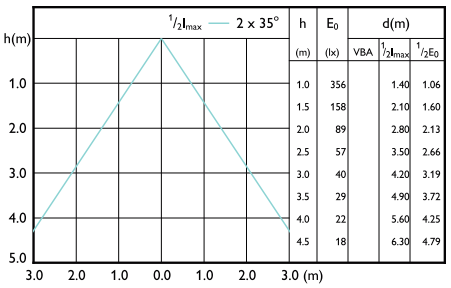
Beam diagram - MAS LED spot VLE D 5.8-35W MR16 927 60D

Rozsył



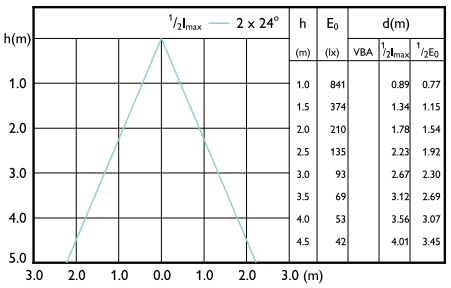
h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	531		1.40	1.02
1.5	236		2.10	1.53
2.0	133		2.80	2.04
2.5	85		3.50	2.55
3.0	59		4.20	3.06
3.5	43		4.90	3.57
4.0	33		5.60	4.08
4.5	26		6.30	4.59

Beam diagram - MAS LED SPOT VLE D 7.5-50W MR16 940 60D



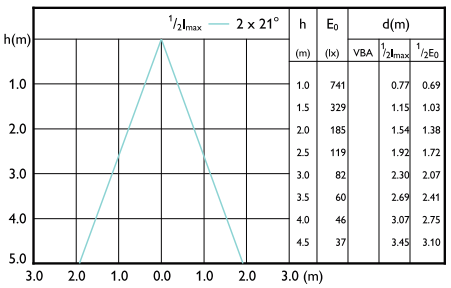
h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	356		1.40	1.06
1.5	158		2.10	1.60
2.0	89		2.80	2.13
2.5	57		3.50	2.66
3.0	40		4.20	3.19
3.5	29		4.90	3.72
4.0	22		5.60	4.25
4.5	18		6.30	4.79

Beam diagram - MAS LED spot VLE D 5.8-35W MR16 930 60D



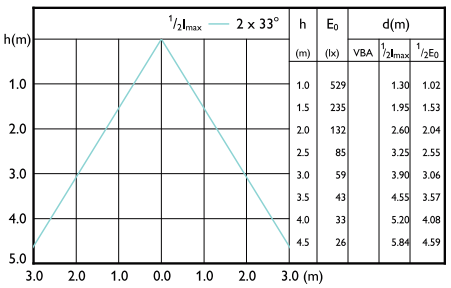
h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	841		0.89	0.77
1.5	374		1.34	1.15
2.0	210		1.78	1.54
2.5	135		2.23	1.92
3.0	93		2.67	2.30
3.5	69		3.12	2.69
4.0	53		3.56	3.07
4.5	42		4.01	3.45

Beam diagram - MAS LED SPOT VLE D 7.5-50W MR16 940 36D



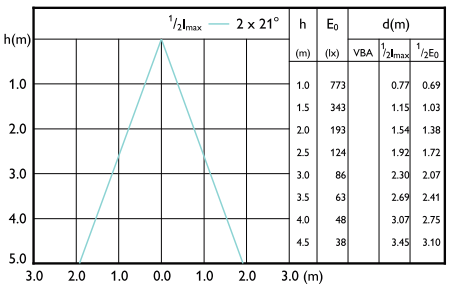
h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	741		0.77	0.69
1.5	329		1.15	1.03
2.0	185		1.54	1.38
2.5	119		1.92	1.72
3.0	82		2.30	2.07
3.5	60		2.69	2.41
4.0	46		3.07	2.75
4.5	37		3.45	3.10

Beam diagram - MAS LED spot VLE D 5.8-35W MR16 930 36D



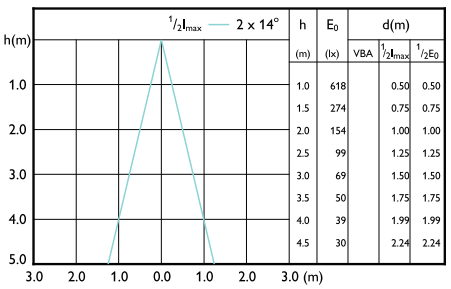
h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	529		1.30	1.02
1.5	235		1.95	1.53
2.0	132		2.60	2.04
2.5	85		3.25	2.55
3.0	59		3.90	3.06
3.5	43		4.55	3.57
4.0	33		5.20	4.08
4.5	26		5.84	4.59

Beam diagram - MAS LED SPOT VLE D 7.5-50W MR16 927 60D



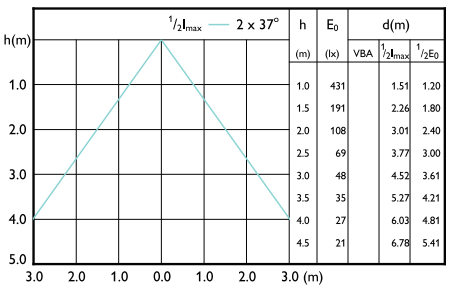
h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	773		0.77	0.69
1.5	343		1.15	1.03
2.0	193		1.54	1.38
2.5	124		1.92	1.72
3.0	86		2.30	2.07
3.5	63		2.69	2.41
4.0	48		3.07	2.75
4.5	38		3.45	3.10

Beam diagram - MAS LED spot VLE D 5.8-35W MR16 940 36D



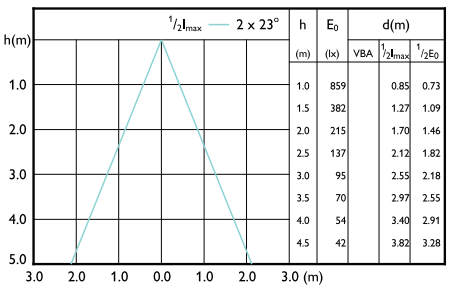
h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	618		0.50	0.50
1.5	274		0.75	0.75
2.0	154		1.00	1.00
2.5	99		1.25	1.25
3.0	69		1.50	1.50
3.5	50		1.75	1.75
4.0	39		1.99	1.99
4.5	30		2.24	2.24

Beam diagram - MAS LEDspotLV 3.5-20W 827 MR11 24D



h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	431		1.51	1.20
1.5	191		2.26	1.80
2.0	108		3.01	2.40
2.5	69		3.77	3.00
3.0	48		4.52	3.61
3.5	35		5.27	4.21
4.0	27		6.03	4.81
4.5	21		6.78	5.41

Beam diagram - MAS LED SPOT VLE D 7.5-50W MR16 930 60D

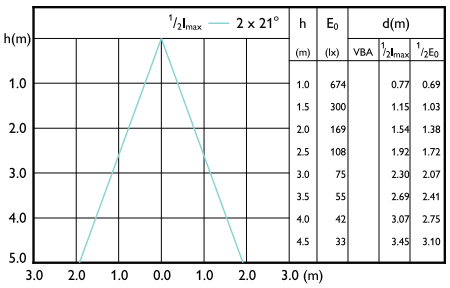


h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	859		0.85	0.73
1.5	382		1.27	1.09
2.0	215		1.70	1.46
2.5	137		2.12	1.82
3.0	95		2.55	2.18
3.5	70		2.97	2.55
4.0	54		3.40	2.91
4.5	42		3.82	3.28

Beam diagram - MAS LED SPOT VLE D 7.5-50W MR16 930 36D

MASTER LEDspot 12V

Rozsył



h	E_0	d(m)		
(m)	(lx)	VBA	$^1/_2I_{max}$	$^1/_2E_0$
1.0	674		0.77	0.69
1.5	300		1.15	1.03
2.0	169		1.54	1.38
2.5	108		1.92	1.72
3.0	75		2.30	2.07
3.5	55		2.69	2.41
4.0	42		3.07	2.75
4.5	33		3.45	3.10

Beam diagram - MAS LED spot VLE D 5.8-35W MR16 927 36D

© 2023 Signify Holding Wszelkie prawa zastrzeżone. Signify nie składa żadnych oświadczeń ani nie udziela jakichkolwiek gwarancji dotyczących dokładności lub kompletności informacji zawartych w niniejszym dokumencie i nie ponosi odpowiedzialności za jakiekolwiek związane z nimi działania. Informacje zamieszczone w niniejszym dokumencie nie stanowią oferty handlowej ani elementu jakiejkolwiek oferty lub umowy, chyba że uzgodniono inaczej z Signify. Wszystkie znaki towarowe są własnością Signify Holding lub ich odpowiednich właścicieli.