PHILIPS

Lighting



Doskonały LEDowy zamiennik relfektorów halogenowych na napięcie sieciowe. Pasuje do większości opraw z trzonkami GU10. Wersja z możliwością regulacji strumienia świetlnego oferuje możliwość tworzenia niepowtarzalnej atmosfery.

MASTER LEDspot 230V

MASTER LEDspot 230V

Delivering a warm, halogen-like accent beam, MASTER LEDspot MV is a perfect fit for spot lighting (track, corridors, lift lobbies, display cases and cabinets) in the hospitality industry. It is particularly suitable to public areas where the light is on 24/7, such as lobbies, corridors, stairwells.MASTER LEDspot MV delivers huge energy savings and minimizes maintenance cost without any compromise on brightness, enabling hospitality owners to achieve a return on their investment within one year. These LEDspots are compatible with most existing fixtures with a GU10 holder and designed as a retrofit replacement for halogen or incandescent spots. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

Korzyści

- Do 80% oszczędności energii w porównaniu do lamp halogenowych
- W zastosowaniach profesjonalnych inwestycja zwraca się przed upływem roku
- Bardzo wysoka trwałość

Cechy

- Szeroka lompatybilność ze ściemniaczami
- Trwałość 40000 godzin
- Precyzyjnie określona rozbieżność użyteczna wiązki
- Brak promieniowania UV i IR, mniejsza emisja ciepła i ochrona przedmiotów wrażliwych na wysokie temperatury

Zastosowanie

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

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

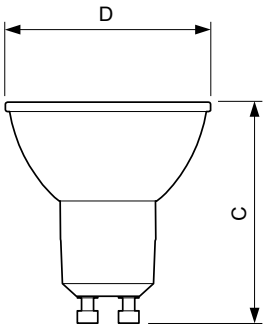
Wersje





MASTER LEDspot 230V

Rysunki techniczne



Product	D	C
MASTER LED spot VLE D 3.7-35W GU10 927 36D	50 mm	54 mm
MASTER LED spot VLE D 3.7-35W GU10 930 36D	50 mm	54 mm
MASTER LED spot VLE D 3.7-35W GU10 940 36D	50 mm	54 mm
MASTER LED spot VLE D 3.7-35W GU10 927 60D	50 mm	54 mm
MASTER LED spot VLE D 3.7-35W GU10 930 60D	50 mm	54 mm
MASTER LED spot VLE D 3.7-35W GU10 940 60D	50 mm	54 mm
MASTER LED spot VLE D 4.9-50W GU10 927 36D	50 mm	54 mm
MASTER LED spot VLE D 4.9-50W GU10 940 36D	50 mm	54 mm
MASTER LED spot VLE D 4.9-50W GU10 930 36D	50 mm	54 mm
MASTER LED spot VLE D 4.9-50W GU10 930 60D	50 mm	54 mm
MASTER LED spot VLE D 4.9-50W GU10 927 60D	50 mm	54 mm
MASTER LED spot VLE D 4.9-50W GU10 940 60D	50 mm	54 mm
MASTER LED spot VLE DT 3.7-35W GU10 927 36D	50 mm	54 mm
MASTER LED spot VLE DT 4.9-50W GU10 927 36D	50 mm	54 mm
MASTER LED spot VLE D 7-80W GU10 865 36D	50 mm	54 mm
MASTER LED spot VLE D 6.2-80W GU10 930 36D	50 mm	54 mm
MASTER LED spot VLE D 650lm GU10 930 120D	50 mm	54 mm
MASTER LED spot VLE D 680lm GU10 940 120D	50 mm	54 mm
MASTER LED spot VLE D 6.2-80W GU10 940 36D	50 mm	54 mm
MASTER LED spot VLE D 680lm GU10 965 120D	50 mm	54 mm
MASTER LED spot VLE D 6.2-80W GU10 927 36D	50 mm	54 mm

Sterowanie i Ściemnianie

Funkcja ściemniania	tak

Eksploatacja i połączenie elektryczne

Częstotliwość wejściowa	50 do 60 Hz
Napięcie (Nom)	220-240 V
Czas uruchomienia (Nom)	0,5 s

Informacje ogólne

Trzonek	GU10
Trwałość nominalna (Nom)	25000 h
Cykl załączania	50000X

Dane techniczne oświetlenia

Współczynnik zachowania strumienia świetlnego na zakończenie nominalnego okresu eksploatacji (Nom)	70 %

Mechanika i korpus

Kształt bańki	PAR16

Zatwierdzenie i Aplikacja

Order Code	Full Product Name	Zużycie energii elektrycznej w kWh/ 1000 h	Etykieta Efektywności Energetycznej (EEL)
70773900	MASTER LED spot VLE D 3.7-35W GU10 927 36D	4 kWh	A+
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	4 kWh	A+
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	4 kWh	A++
70779100	MASTER LED spot VLE D 3.7-35W GU10 927 60D	4 kWh	A+
70781400	MASTER LED spot VLE D 3.7-35W GU10 930 60D	4 kWh	A+
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	4 kWh	A++
70785200	MASTER LED spot VLE D 4.9-50W GU10 927 36D	5 kWh	A+
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	5 kWh	A+
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	5 kWh	A+
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	5 kWh	A+
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	5 kWh	A+

MASTER LEDspot 230V

Order Code	Full Product Name	Zużycie energii elektrycznej w kWh/ 1000 h	Etykieta Efektywności Energetycznej (EEL)
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	5 kWh	A+
70801900	MASTER LED spot VLE D 7-80W GU10 865 36D	7 kWh	A+
70809500	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	4 kWh	A+
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	5 kWh	A+
67541700	MASTER LED spot VLE D 6.2-80W GU10 927 36D	7 kWh	A++
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	7 kWh	A++
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	7 kWh	A++
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	7 kWh	A+
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	7 kWh	A+
70613500	MASTER LED spot VLE D 680lm GU10 965 120D	7 kWh	A+

Eksploatacja i połączenie elektryczne

Order Code	Full Product Name	Równoważna moc w watach	Moc (znamionowa) (Nom)
70773900	MASTER LED spot VLE D 3.7-35W GU10 927 36D	35 W	3,7 W
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	35 W	3,7 W
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	35 W	3,7 W
70779100	MASTER LED spot VLE D 3.7-35W GU10 927 60D	35 W	3,7 W
70781400	MASTER LED spot VLE D 3.7-35W GU10 930 60D	35 W	3,7 W
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	35 W	3,7 W
70785200	MASTER LED spot VLE D 4.9-50W GU10 927 36D	50 W	4,9 W
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	50 W	4,9 W
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	50 W	4,9 W
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	50 W	4,9 W
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	50 W	4,9 W

Order Code	Full Product Name	Równoważna moc w watach	Moc (znamionowa) (Nom)
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	50 W	4,9 W
70801900	MASTER LED spot VLE D 7-80W GU10 865 36D	80 W	7 W
70809500	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	35 W	3,7 W
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	50 W	4,9 W
67541700	MASTER LED spot VLE D 6.2-80W GU10 927 36D	80 W	6,2 W
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	80 W	6,2 W
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	80 W	6,2 W
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

Dane techniczne oświetlenia (1/2)

MASTER LEDspot 230V

Order Code	Full Product Name	Kąt rozsyłu światła (Nom)	Kod barwy	Skorelowana temperatura barwowa (Nom)	Wskaźnik oddawania barw (Nom)
70773900	MASTER LED spot VLE D 3.7-35W GU10 927 36D	36 °	927	2700 K	90
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	36 °	930	3000 K	90
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	36 °	940	4000 K	90
70779100	MASTER LED spot VLE D 3.7-35W GU10 927 60D	60 °	927	2700 K	90
70781400	MASTER LED spot VLE D 3.7-35W GU10 930 60D	60 °	930	3000 K	90
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	60 °	940	4000 K	90
70785200	MASTER LED spot VLE D 4.9-50W GU10 927 36D	36 °	927	2700 K	90
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	36 °	930	3000 K	90
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	36 °	940	4000 K	90
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	60 °	927	2700 K	90
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	60 °	930	3000 K	90

Order Code	Full Product Name	Kąt rozsyłu światła (Nom)	Kod barwy	Skorelowana temperatura barwowa (Nom)	Wskaźnik oddawania barw (Nom)
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	60 °	940	4000 K	90
70801900	MASTER LED spot VLE D 7-80W GU10 865 36D	36 °	865	6500 K	80
70809500	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	36 °	922-927	2700 K	90
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	36 °	922-927	2700 K	90
67541700	MASTER LED spot VLE D 6.2-80W GU10 927 36D	36 °	927	2700 K	90
70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	36 °	940	4000 K	90
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	36 °	930	3000 K	90
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	120 °	930	3000 K	90
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	120 °	940	4000 K	90
70613500	MASTER LED spot VLE D 680lm GU10 965 120D	120 °	6500	6500 K	90

Dane techniczne oświetlenia (2/2)

Order Code	Full Product Name	Strumień świetlny (Nom)	Światłość (Nom)
70773900	MASTER LED spot VLE D 3.7-35W GU10 927 36D	260 lm	500 cd
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	270 lm	500 cd
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	285 lm	500 cd
70779100	MASTER LED spot VLE D 3.7-35W GU10 927 60D	260 lm	330 cd
70781400	MASTER LED spot VLE D 3.7-35W GU10 930 60D	270 lm	340 cd

Order Code	Full Product Name	Strumień świetlny (Nom)	Światłość (Nom)
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	285 lm	350 cd
70785200	MASTER LED spot VLE D 4.9-50W GU10 927 36D	355 lm	650 cd
70787600	MASTER LED spot VLE D 4.9-50W GU10 930 36D	365 lm	650 cd
70789000	MASTER LED spot VLE D 4.9-50W GU10 940 36D	380 lm	700 cd
70791300	MASTER LED spot VLE D 4.9-50W GU10 927 60D	355 lm	400 cd

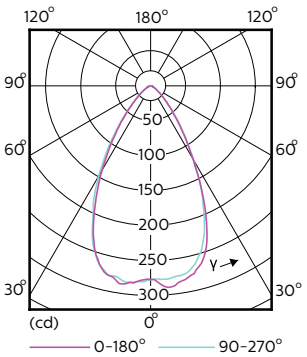
MASTER LEDspot 230V

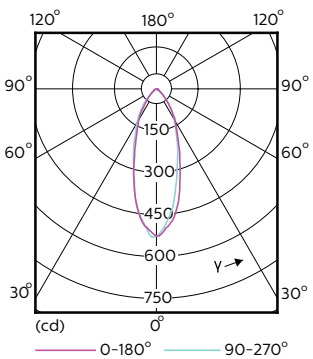
Order Code	Full Product Name	Strumień świetlny (Nom)	Światłość (Nom)
70793700	MASTER LED spot VLE D 4.9-50W GU10 930 60D	365 lm	400 cd
70795100	MASTER LED spot VLE D 4.9-50W GU10 940 60D	380 lm	400 cd
70801900	MASTER LED spot VLE D 7-80W GU10 865 36D	610 lm	1200 cd
70809500	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	260 lm	500 cd
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	355 lm	650 cd
67541700	MASTER LED spot VLE D 6.2-80W GU10 927 36D	575 lm	850 cd

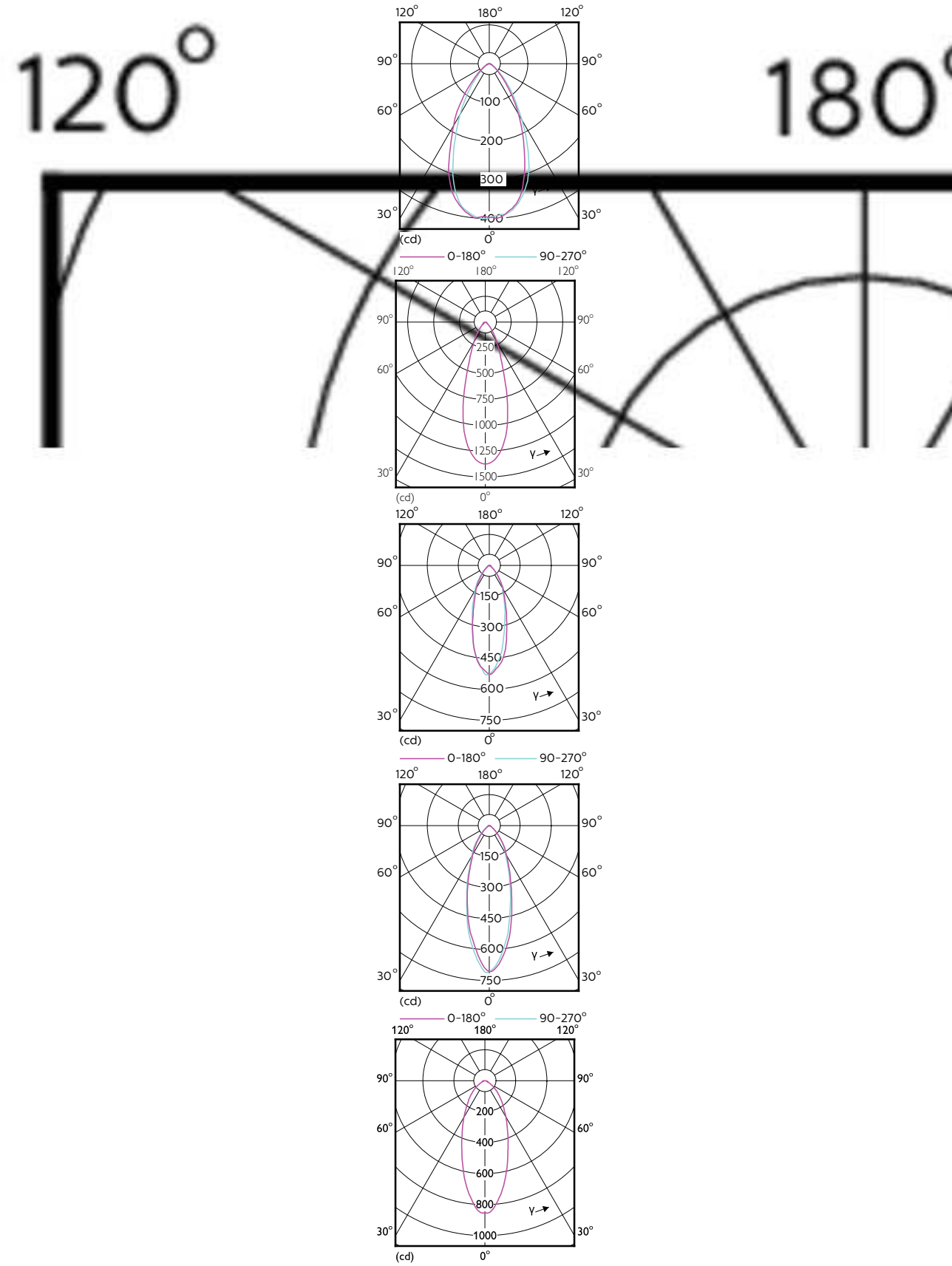
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70523700	MASTER LED spot VLE D 6.2-80W GU10 940 36D	575 lm	850 cd
70525100	MASTER LED spot VLE D 6.2-80W GU10 930 36D	575 lm	850 cd
70609800	MASTER LED spot VLE D 650lm GU10 930 120D	650 lm	200 cd
70611100	MASTER LED spot VLE D 680lm GU10 940 120D	680 lm	200 cd
70613500	MASTER LED spot VLE D 680lm GU10 965 120D	680 lm	200 cd

Temperatura

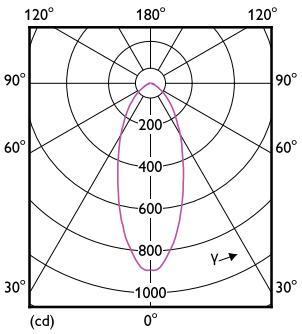
Order Code	Full Product Name	Maksymalna temperatura obudowy (Nom)
70773900	MASTER LED spot VLE D 3.7-35W GU10 927 36D	80 °C
70775300	MASTER LED spot VLE D 3.7-35W GU10 930 36D	80 °C
70777700	MASTER LED spot VLE D 3.7-35W GU10 940 36D	80 °C
70779100	MASTER LED spot VLE D 3.7-35W GU10 927 60D	80 °C
70781400	MASTER LED spot VLE D 3.7-35W GU10 930 60D	80 °C
70783800	MASTER LED spot VLE D 3.7-35W GU10 940 60D	80 °C
70785200	MASTER LED spot VLE D 4.9-50W GU10 927 36D	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
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
70801900	MASTER LED spot VLE D 7-80W GU10 865 36D	85 °C
70809500	MASTER LED spot VLE DT 3.7-35W GU10 927 36D	80 °C
70811800	MASTER LED spot VLE DT 4.9-50W GU10 927 36D	80 °C
67541700	MASTER LED spot VLE D 6.2-80W GU10 927 36D	80 °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
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

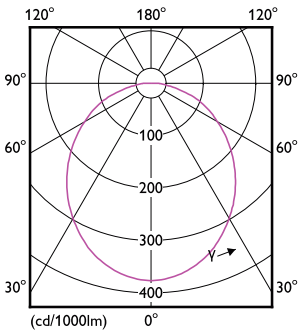




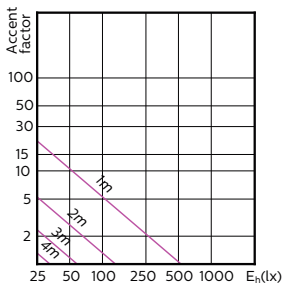

120°
180°
120°
180°
90°
60°
30°
100
200
300
400
(cd)
0°
0-180°
90-270°
250
500
750
1000
1250
1500
150
300
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600
750
150
300
450
600
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600
800
1000
Y

MASTER LEDspot 230V

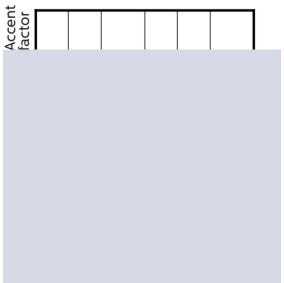




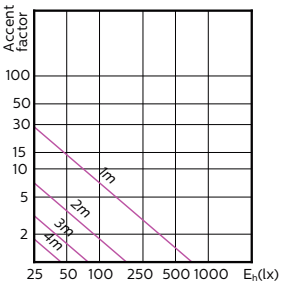
Accent Diagrams



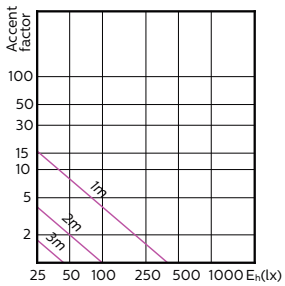
MASTER LEDspotMV 35W GU10 36D 260lm



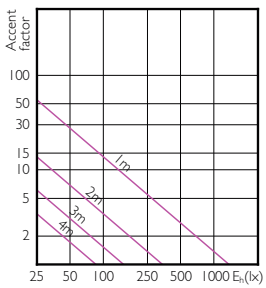
MASTER LEDspotMV 35W GU10 60D 260lm



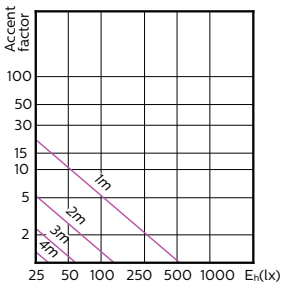
MASTER LEDspotMV 50W GU10 36D 355lm



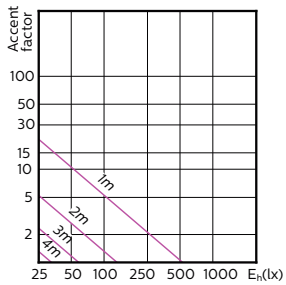
MASTER LEDspotMV 50W GU10 60D 355lm



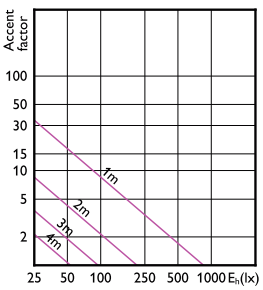
MASTER LEDspotMV 80W GU10 865 36D VLE



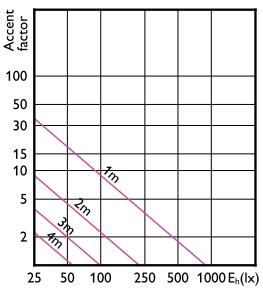
MASTER LEDspotMV 35W GU10 922-927 36D



MASTER LEDspotMV 50W GU10 922-927 36D



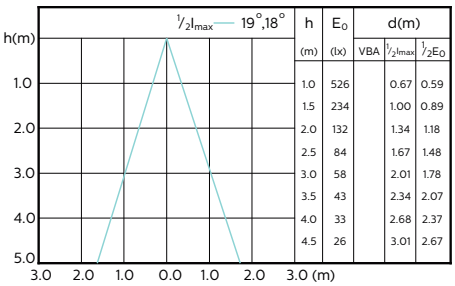
GU10 7.5-80W 650lm 2700K GU10 D 25khrs



GU10 7.5-80W 680lm 36D 4000K GU10 15khrs

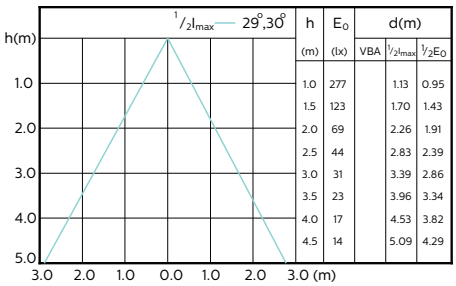
MASTER LEDspot 230V

Rozsył



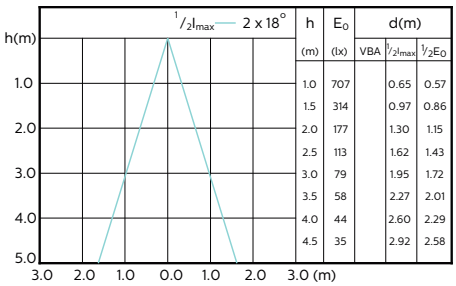
h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
1.0	526		0.67	0.59
1.5	234		1.00	0.89
2.0	132		1.34	1.18
2.5	84		1.67	1.48
3.0	58		2.01	1.78
3.5	43		2.34	2.07
4.0	33		2.68	2.37
4.5	26		3.01	2.67

MASTER LEDspotMV 35W GU10 36D 260lm



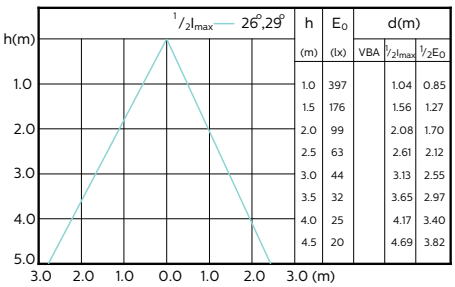
h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
1.0	277		1.13	0.95
1.5	123		1.70	1.43
2.0	69		2.26	1.91
2.5	44		2.83	2.39
3.0	31		3.39	2.86
3.5	23		3.96	3.34
4.0	17		4.53	3.82
4.5	14		5.09	4.29

MASTER LEDspotMV 35W GU10 60D 260lm



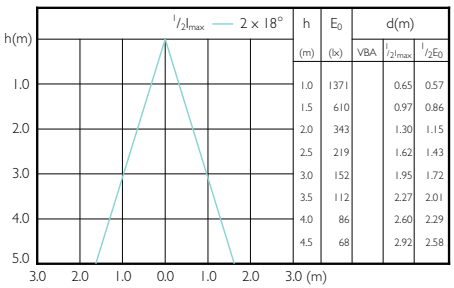
h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
1.0	707		0.65	0.57
1.5	314		0.97	0.86
2.0	177		1.30	1.15
2.5	113		1.62	1.43
3.0	79		1.95	1.72
3.5	58		2.27	2.01
4.0	44		2.60	2.29
4.5	35		2.92	2.58

MASTER LEDspotMV 50W GU10 36D 355lm



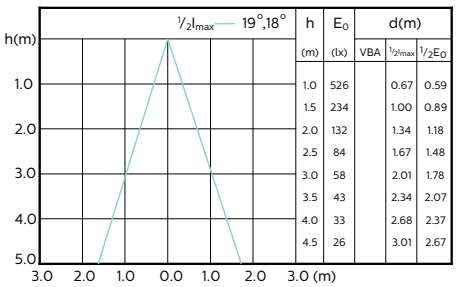
h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
1.0	397		1.04	0.85
1.5	176		1.56	1.27
2.0	99		2.08	1.70
2.5	63		2.61	2.12
3.0	44		3.13	2.55
3.5	32		3.65	2.97
4.0	25		4.17	3.40
4.5	20		4.69	3.82

MASTER LEDspotMV 50W GU10 60D 355lm



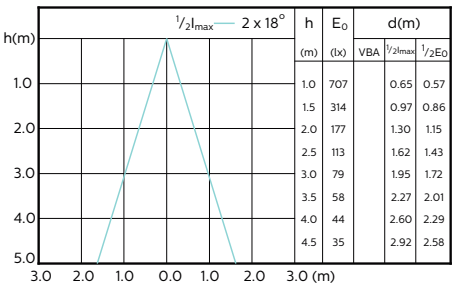
h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
1.0	1371		0.65	0.57
1.5	610		0.97	0.86
2.0	343		1.30	1.15
2.5	219		1.62	1.43
3.0	152		1.95	1.72
3.5	112		2.27	2.01
4.0	86		2.60	2.29
4.5	68		2.92	2.58

MASTER LEDspotMV 80W GU10 865 36D VLE



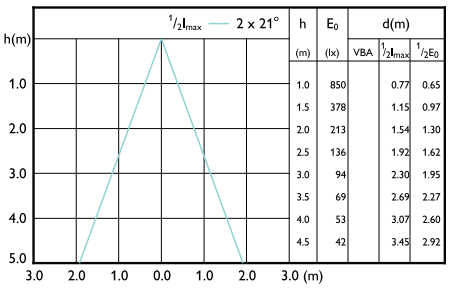
h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
1.0	526		0.67	0.59
1.5	234		1.00	0.89
2.0	132		1.34	1.18
2.5	84		1.67	1.48
3.0	58		2.01	1.78
3.5	43		2.34	2.07
4.0	33		2.68	2.37
4.5	26		3.01	2.67

MASTER LEDspotMV 35W GU10 922-927 36D



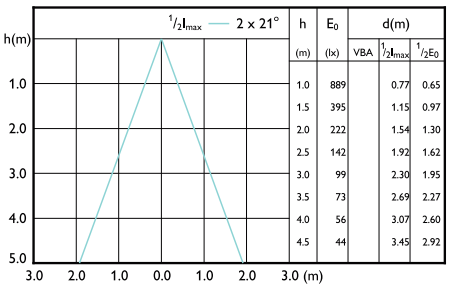
h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
1.0	707		0.65	0.57
1.5	314		0.97	0.86
2.0	177		1.30	1.15
2.5	113		1.62	1.43
3.0	79		1.95	1.72
3.5	58		2.27	2.01
4.0	44		2.60	2.29
4.5	35		2.92	2.58

MASTER LEDspotMV 50W GU10 922-927 36D



h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
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

GU10 7.5-80W 650lm 2700K GU10 D 25khrs



h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
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

GU10 7.5-80W 680lm 36D 4000K GU10 15khrs

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