

Ger en varm och välkomnande ljusmiljö med belysning av överlägsen kvalitet

MASTER LEDspot ExpertColor LV

MASTER LEDspot LV ExpertColor skapar en varm och behaglig ljusmiljö för sjukhus, bostäder och restauranger. Den skapar en miljö med överlägsen belysning som har ett anpassat spektrum, högt CRI-värde och funktion för djup ljusreglering som ger en vacker belysning. Den innovativa, listlösa linsdesignen passar nästan all inredning med sitt avskalade och snygga utseende. Dessutom kan du använda dig av hela ExpertColor-serien, som också innefattar lamporna LEDspot MV och LEDspot Par.

Fördelar

- Skapar en varm och behaglig stämning
- Inredning, möbler och tyger ser inbjudande ut
- Problemfri eftermonteringslösning för större energieffektivitet och hållbarhet

Funktioner

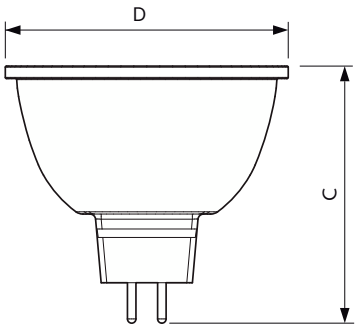
- Anpassat färgspektrum återskapar halogenbelysningsfärger
- Listlös design med vackra V-spårlinser
- Den bästa färgåtergivningen CRI97, R9>85
- Djup och jämn dimring med bred transformatorkompatibilitet
- Ersätter lågvolts MR16-halogenlampor med GU5.3-sockel

Användning

- Hotell och restaurang: hotellrum, korridorer, lobby, reception, restaurang, barer, kaféer
- Hemma: vardagsrum, sovrum, hallar
- Butik: utställningar, montrar, skyltning, provrum

MASTER LEDspot ExpertColor LV

Måttskiss



Product	D	C
MAS LED ExpertColor 6.7-35W MR16 927 36D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 930 36D	50,5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 927 36D	50,5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 930 24D	50,5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 930 36D	50,5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 940 24D	50,5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 940 36D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 927 10D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 927 24D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 927 60D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 930 10D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 930 24D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 930 60D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 940 10D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 940 24D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 940 36D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 940 60D	50,5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 927 24D	50,5 mm	46 mm

Allmän information	
Sockel	GU5.3
Driftcykel	50 000
Nominell livslängd	40 000 h
Ljusteknik	
LLMF vid slutet av nominell livslängd (nom)	70 %
Drift och elektricitet	
Ingångsfrekvens	- Hz
Line Frequency	- Hz
Tändningstid (nom)	0,5 s
Styrenheter och dimring	
Dimbar	Endast med särskilda dimrar
Mekanik och armaturhus	
Lampform	MR16

Ljusteknik (1/2)

Order Code	Full Product Name	Spridningsvinkel (nom)	Korrelerad färgtemperatur (nom)	Färgåtergivningsindex	Färgkod
35847800	MASTER LED ExpertColor 6.7-35W MR16 927 10D	10 °	2700 K	97	927
35849200	MASTER LED ExpertColor 6.7-35W MR16 930 10D	10 °	3000 K	97	930
35851500	MASTER LED ExpertColor 6.7-35W MR16 940 10D	10 °	4000 K	97	940
35865200	MASTER LED ExpertColor 7.5-43W MR16 927 24D	24 °	2700 K	92	927
35867600	MASTER LED ExpertColor 7.5-43W MR16 930 24D	24 °	3000 K	92	930
35869000	MASTER LED ExpertColor 7.5-43W MR16 940 24D	24 °	4000 K	92	940
35871300	MASTER LED ExpertColor 7.5-43W MR16 927 36D	36 °	2700 K	92	927
35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	36 °	3000 K	92	930
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	36 °	4000 K	92	940
35877500	MASTER LED ExpertColor 6.7-35W MR16 927 60D	60 °	2700 K	97	927

MASTER LEDspot ExpertColor LV

Order Code	Full Product Name	Spridningsvinkel (nom)	Korrelerad färgtemperatur (nom)	Färgåtergivningsindex	Färgkod
35843000	MASTER LED ExpertColor 6.7-35W MR16 930 60D	60 °	3000 K	97	930
35845400	MASTER LED ExpertColor 6.7-35W MR16 940 60D	60 °	4000 K	97	940
35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	24 °	2700 K	97	927
35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	24 °	3000 K	97	930
35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	24 °	4000 K	97	940
35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	36 °	2700 K	97	927
35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	36 °	3000 K	97	930
35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	36 °	4000 K	97	940

Ljusteknik (2/2)

Order Code	Full Product Name	Ljusflöde	Ljusstyrka (nom)
35847800	MASTER LED ExpertColor 6.7-35W MR16 927 10D	410 lm	4 600 cd
35849200	MASTER LED ExpertColor 6.7-35W MR16 930 10D	430 lm	4 800 cd
35851500	MASTER LED ExpertColor 6.7-35W MR16 940 10D	440 lm	4 800 cd
35865200	MASTER LED ExpertColor 7.5-43W MR16 927 24D	485 lm	2 400 cd
35867600	MASTER LED ExpertColor 7.5-43W MR16 930 24D	500 lm	2 600 cd
35869000	MASTER LED ExpertColor 7.5-43W MR16 940 24D	520 lm	2 800 cd
35871300	MASTER LED ExpertColor 7.5-43W MR16 927 36D	485 lm	1 400 cd
35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	500 lm	1 550 cd
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	520 lm	1 650 cd

Order Code	Full Product Name	Ljusflöde	Ljusstyrka (nom)
35877500	MASTER LED ExpertColor 6.7-35W MR16 927 60D	400 lm	410 cd
35843000	MASTER LED ExpertColor 6.7-35W MR16 930 60D	440 lm	440 cd
35845400	MASTER LED ExpertColor 6.7-35W MR16 940 60D	440 lm	440 cd
35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	420 lm	2 100 cd
35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	440 lm	2 200 cd
35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	460 lm	2 200 cd
35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	420 lm	1 300 cd
35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	440 lm	1 400 cd
35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	460 lm	1 400 cd

Drift och elektricitet

MASTER LEDspot ExpertColor LV

Order Code	Full Product Name	Effektförbrukning	Motsvarande effekt
35847800	MASTER LED ExpertColor 6.7-35W MR16 927 10D	6,7 W	35 W
35849200	MASTER LED ExpertColor 6.7-35W MR16 930 10D	6,7 W	35 W
35851500	MASTER LED ExpertColor 6.7-35W MR16 940 10D	6,7 W	35 W
35865200	MASTER LED ExpertColor 7.5-43W MR16 927 24D	7,5 W	43 W
35867600	MASTER LED ExpertColor 7.5-43W MR16 930 24D	7,5 W	43 W
35869000	MASTER LED ExpertColor 7.5-43W MR16 940 24D	7,5 W	43 W
35871300	MASTER LED ExpertColor 7.5-43W MR16 927 36D	7,5 W	43 W
35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	7,5 W	43 W
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	7,5 W	43 W

Order Code	Full Product Name	Effektförbrukning	Motsvarande effekt
35877500	MASTER LED ExpertColor 6.7-35W MR16 927 60D	6,7 W	35 W
35843000	MASTER LED ExpertColor 6.7-35W MR16 930 60D	6,7 W	35 W
35845400	MASTER LED ExpertColor 6.7-35W MR16 940 60D	6,7 W	35 W
35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	6,7 W	35 W
35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	6,7 W	35 W
35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	6,7 W	35 W
35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	6,7 W	35 W
35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	6,7 W	35 W
35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	6,7 W	35 W

Temperatur

Order Code	Full Product Name	T-Case max. (nom)
35847800	MASTER LED ExpertColor 6.7-35W MR16 927 10D	92 °C
35849200	MASTER LED ExpertColor 6.7-35W MR16 930 10D	92 °C
35851500	MASTER LED ExpertColor 6.7-35W MR16 940 10D	92 °C
35865200	MASTER LED ExpertColor 7.5-43W MR16 927 24D	93 °C
35867600	MASTER LED ExpertColor 7.5-43W MR16 930 24D	93 °C
35869000	MASTER LED ExpertColor 7.5-43W MR16 940 24D	93 °C
35871300	MASTER LED ExpertColor 7.5-43W MR16 927 36D	93 °C
35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	93 °C
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	93 °C

Order Code	Full Product Name	T-Case max. (nom)
35877500	MASTER LED ExpertColor 6.7-35W MR16 927 60D	92 °C
35843000	MASTER LED ExpertColor 6.7-35W MR16 930 60D	92 °C
35845400	MASTER LED ExpertColor 6.7-35W MR16 940 60D	92 °C
35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	92 °C
35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	92 °C
35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	92 °C
35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	92 °C
35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	92 °C
35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	92 °C

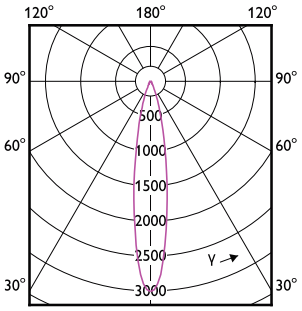
Användning och godkännande

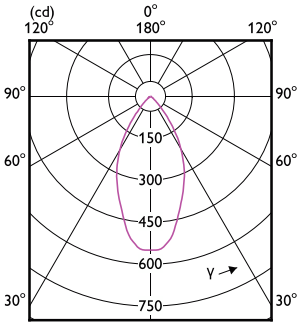
Order Code	Full Product Name	Energiförbrukning kWh/ 1 000 tim
35847800	MASTER LED ExpertColor 6.7-35W MR16 927 10D	7 kWh
35849200	MASTER LED ExpertColor 6.7-35W MR16 930 10D	7 kWh
35851500	MASTER LED ExpertColor 6.7-35W MR16 940 10D	7 kWh
35865200	MASTER LED ExpertColor 7.5-43W MR16 927 24D	8 kWh
35867600	MASTER LED ExpertColor 7.5-43W MR16 930 24D	8 kWh
35869000	MASTER LED ExpertColor 7.5-43W MR16 940 24D	8 kWh
35871300	MASTER LED ExpertColor 7.5-43W MR16 927 36D	8 kWh

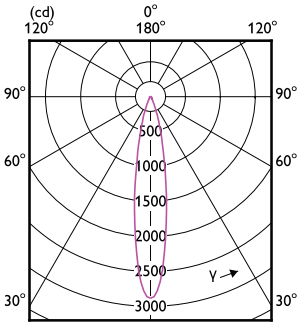
Order Code	Full Product Name	Energiförbrukning kWh/ 1 000 tim
35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	8 kWh
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	8 kWh
35877500	MASTER LED ExpertColor 6.7-35W MR16 927 60D	7 kWh
35843000	MASTER LED ExpertColor 6.7-35W MR16 930 60D	7 kWh
35845400	MASTER LED ExpertColor 6.7-35W MR16 940 60D	7 kWh
35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	7 kWh
35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	7 kWh

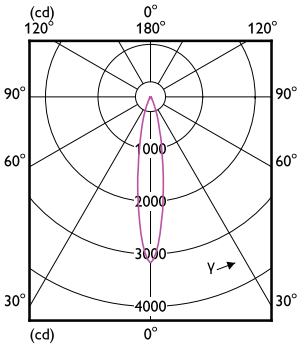
MASTER LEDspot ExpertColor LV

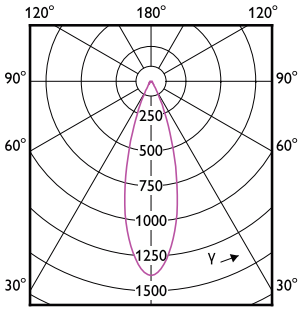
Order Code	Full Product Name	Energiförbrukning kWh/ 1 000 tim
35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	7 kWh
35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	7 kWh
35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	7 kWh
35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	7 kWh

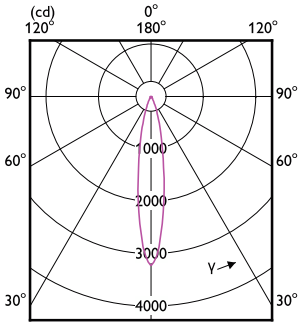


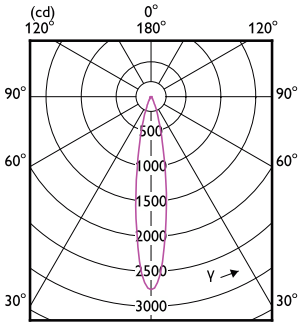


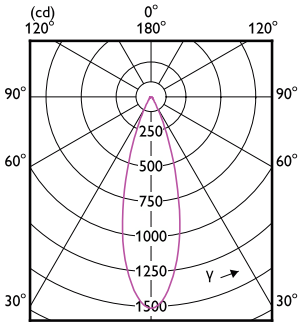


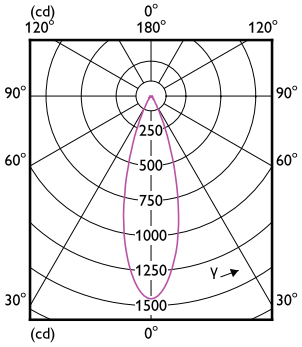




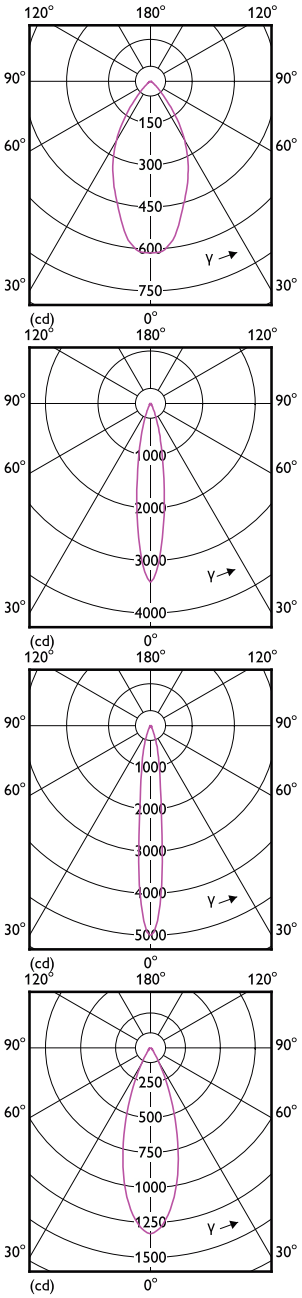


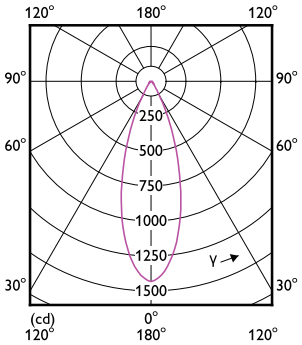


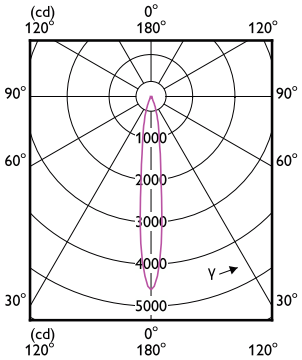


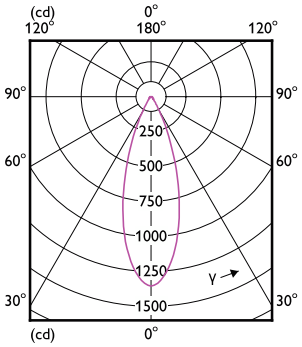


MASTER LEDspot ExpertColor LV

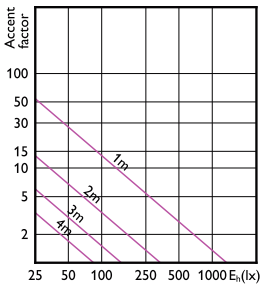




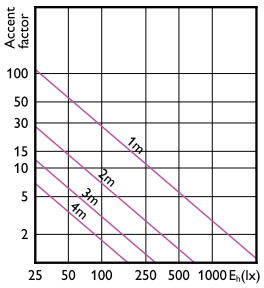




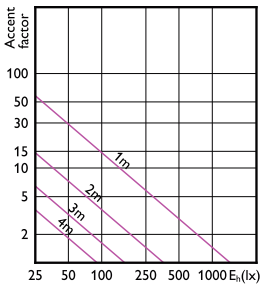
Accent Diagrams



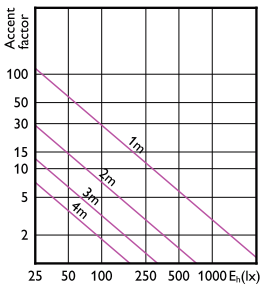
Accent Diagram - MAS LED ExpertColor 7.5-43W MR16 930 36D



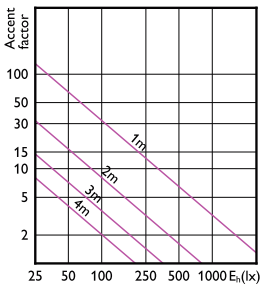
Accent Diagram - MAS LED ExpertColor 6.7-35W MR16 927 24D



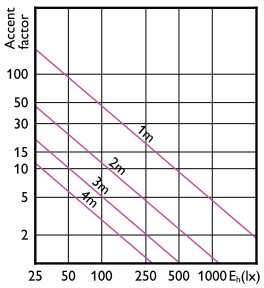
Accent Diagram - MAS LED ExpertColor 6.7-35W MR16 930 36D



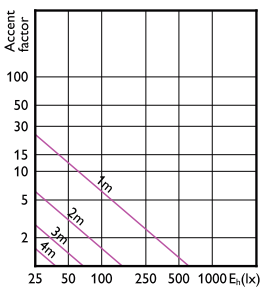
Accent Diagram - MAS LED ExpertColor 6.7-35W MR16 930 24D



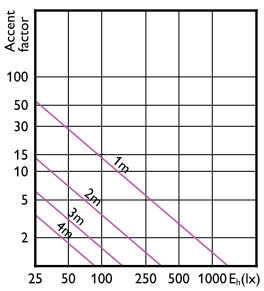
Accent Diagram - MAS LED ExpertColor 7.5-43W MR16 930 24D



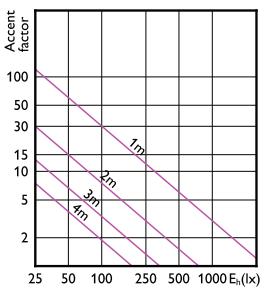
Accent Diagram - MAS LED ExpertColor 6.7-35W MR16 927 10D



Accent Diagram - MAS LED ExpertColor 6.7-35W MR16 930 60D

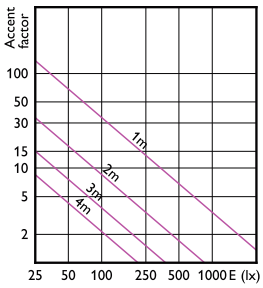


Accent Diagram - MAS LED ExpertColor 6.7-35W MR16 927 36D

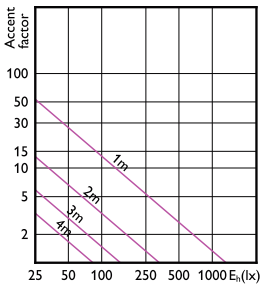


Accent Diagram - MAS LED ExpertColor 6.7-35W MR16 940 24D

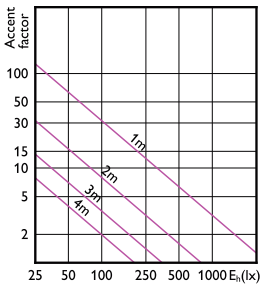
Accent Diagrams



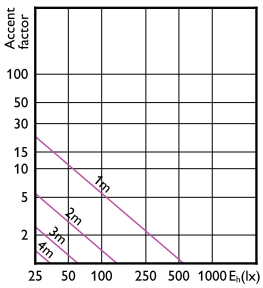
Accent Diagram - MAS LED ExpertColor 7.5-43W MR16 940 24D



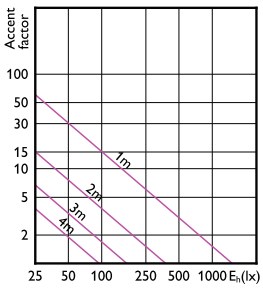
Accent Diagram - MAS LED ExpertColor 7.5-43W MR16 927 36D



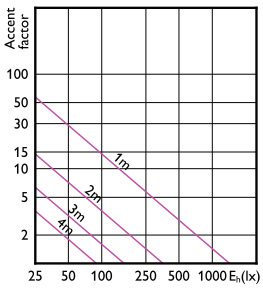
Accent Diagram - MAS LED ExpertColor 7.5-43W MR16 927 24D



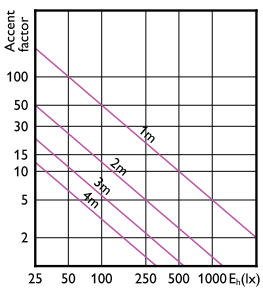
Accent Diagram - MAS LED ExpertColor 6.7-35W MR16 927 60D



Accent Diagram - MAS LED ExpertColor 6.7-35W MR16 940 36D

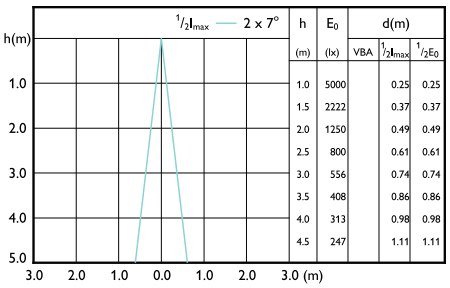


Accent Diagram - MAS LED ExpertColor 7.5-43W MR16 940 36D



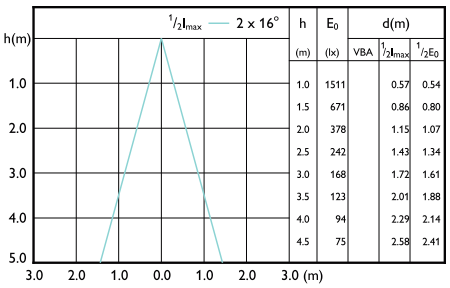
Accent Diagram - MAS LED ExpertColor 6.7-35W MR16 930 10D

Beam Diagrams



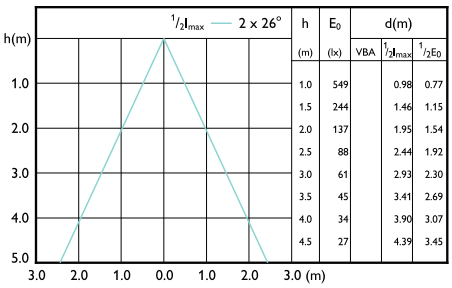
h (m)	E_0 (lx)	d(m) VBA	$^1/_2I_{max}$	$^1/_2E_0$
1.0	5000		0.25	0.25
1.5	2222		0.37	0.37
2.0	1250		0.49	0.49
2.5	800		0.61	0.61
3.0	556		0.74	0.74
3.5	408		0.86	0.86
4.0	313		0.98	0.98
4.5	247		1.11	1.11

Beam diagram - MAS LED ExpertColor 6.7-35W MR16 930 10D



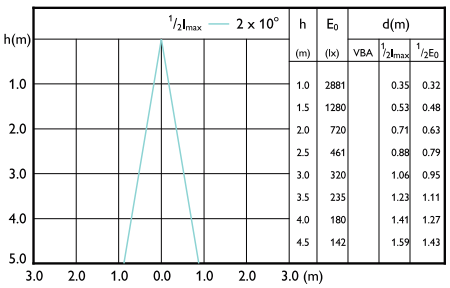
h (m)	E_0 (lx)	d(m) VBA	$^1/_2I_{max}$	$^1/_2E_0$
1.0	1511		0.57	0.54
1.5	671		0.86	0.80
2.0	378		1.15	1.07
2.5	242		1.43	1.34
3.0	168		1.72	1.61
3.5	123		2.01	1.88
4.0	94		2.29	2.14
4.5	75		2.58	2.41

Beam diagram - MAS LED ExpertColor 6.7-35W MR16 940 36D



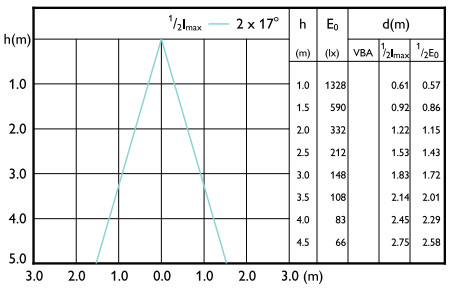
h (m)	E_0 (lx)	d(m) VBA	$^1/_2I_{max}$	$^1/_2E_0$
1.0	549		0.98	0.77
1.5	244		1.46	1.15
2.0	137		1.95	1.54
2.5	88		2.44	1.92
3.0	61		2.93	2.30
3.5	45		3.41	2.69
4.0	34		3.90	3.07
4.5	27		4.39	3.45

Beam diagram - MAS LED ExpertColor 6.7-35W MR16 927 60D



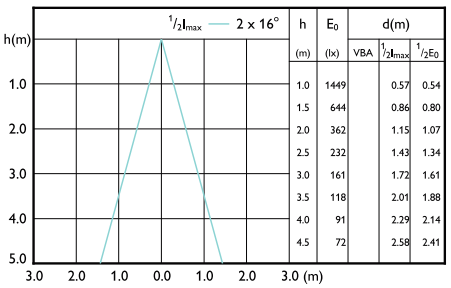
h (m)	E_0 (lx)	d(m) VBA	$^1/_2I_{max}$	$^1/_2E_0$
1.0	2881		0.35	0.32
1.5	1280		0.53	0.48
2.0	720		0.71	0.63
2.5	461		0.88	0.79
3.0	320		1.06	0.95
3.5	235		1.23	1.11
4.0	180		1.41	1.27
4.5	142		1.59	1.43

Beam diagram - MAS LED ExpertColor 6.7-35W MR16 930 24D



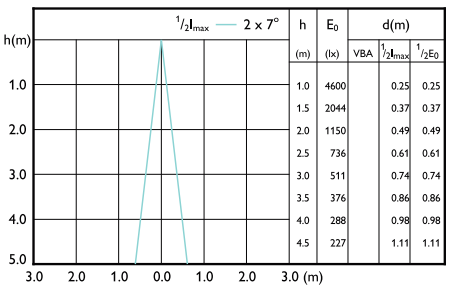
h (m)	E_0 (lx)	d(m) VBA	$^1/_2I_{max}$	$^1/_2E_0$
1.0	1328		0.61	0.57
1.5	590		0.92	0.86
2.0	332		1.22	1.15
2.5	212		1.53	1.43
3.0	148		1.83	1.72
3.5	108		2.14	2.01
4.0	83		2.45	2.29
4.5	66		2.75	2.58

Beam diagram - MAS LED ExpertColor 7.5-43W MR16 927 36D



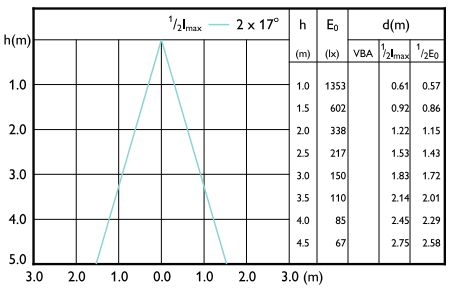
h (m)	E_0 (lx)	d(m) VBA	$^1/_2I_{max}$	$^1/_2E_0$
1.0	1449		0.57	0.54
1.5	644		0.86	0.80
2.0	362		1.15	1.07
2.5	232		1.43	1.34
3.0	161		1.72	1.61
3.5	118		2.01	1.88
4.0	91		2.29	2.14
4.5	72		2.58	2.41

Beam diagram - MAS LED ExpertColor 6.7-35W MR16 930 36D



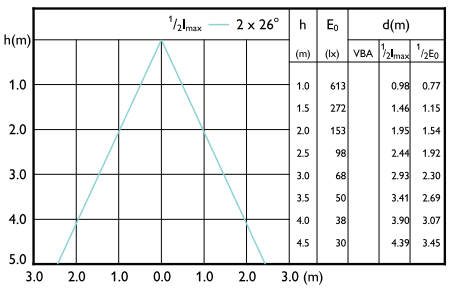
h (m)	E_0 (lx)	d(m) VBA	$^1/_2I_{max}$	$^1/_2E_0$
1.0	4600		0.25	0.25
1.5	2044		0.37	0.37
2.0	1150		0.49	0.49
2.5	736		0.61	0.61
3.0	511		0.74	0.74
3.5	376		0.86	0.86
4.0	288		0.98	0.98
4.5	227		1.11	1.11

Beam diagram - MAS LED ExpertColor 6.7-35W MR16 927 10D



h (m)	E_0 (lx)	d(m) VBA	$^1/_2I_{max}$	$^1/_2E_0$
1.0	1353		0.61	0.57
1.5	602		0.92	0.86
2.0	338		1.22	1.15
2.5	217		1.53	1.43
3.0	150		1.83	1.72
3.5	110		2.14	2.01
4.0	85		2.45	2.29
4.5	67		2.75	2.58

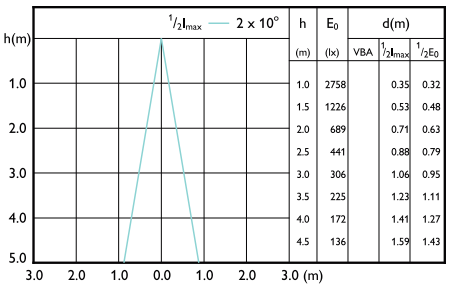
Beam diagram - MAS LED ExpertColor 7.5-43W MR16 930 36D



h (m)	E_0 (lx)	d(m) VBA	$^1/_2I_{max}$	$^1/_2E_0$
1.0	613		0.98	0.77
1.5	272		1.46	1.15
2.0	153		1.95	1.54
2.5	98		2.44	1.92
3.0	68		2.93	2.30
3.5	50		3.41	2.69
4.0	38		3.90	3.07
4.5	30		4.39	3.45

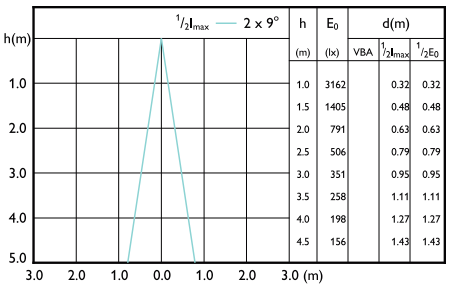
Beam diagram - MAS LED ExpertColor 6.7-35W MR16 930 60D

Beam Diagrams



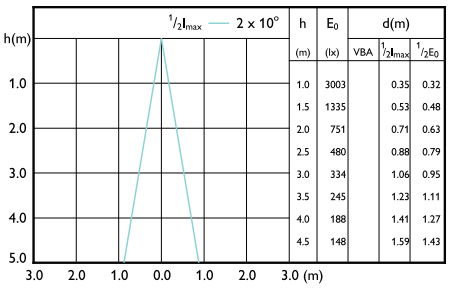
h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	2758		0.35	0.32
1.5	1226		0.53	0.48
2.0	689		0.71	0.63
2.5	441		0.88	0.79
3.0	306		1.06	0.95
3.5	225		1.23	1.11
4.0	172		1.41	1.27
4.5	136		1.59	1.43

Beam diagram - MAS LED ExpertColor 6.7-35W MR16 927 24D



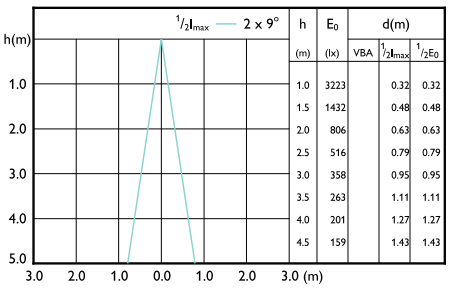
h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	3162		0.32	0.32
1.5	1405		0.48	0.48
2.0	791		0.63	0.63
2.5	506		0.79	0.79
3.0	351		0.95	0.95
3.5	258		1.11	1.11
4.0	198		1.27	1.27
4.5	156		1.43	1.43

Beam diagram - MAS LED ExpertColor 7.5-43W MR16 927 24D



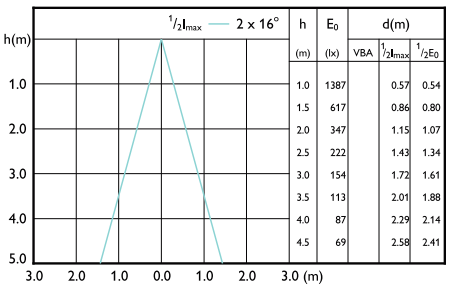
h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	3003		0.35	0.32
1.5	1335		0.53	0.48
2.0	751		0.71	0.63
2.5	480		0.88	0.79
3.0	334		1.06	0.95
3.5	245		1.23	1.11
4.0	188		1.41	1.27
4.5	148		1.59	1.43

Beam diagram - MAS LED ExpertColor 6.7-35W MR16 940 24D



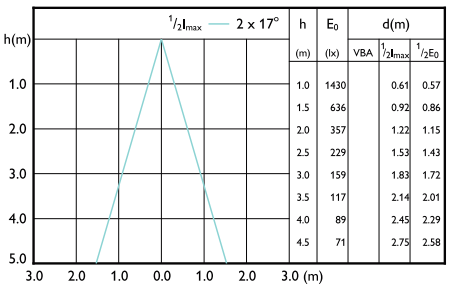
h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	3223		0.32	0.32
1.5	1432		0.48	0.48
2.0	806		0.63	0.63
2.5	516		0.79	0.79
3.0	358		0.95	0.95
3.5	263		1.11	1.11
4.0	201		1.27	1.27
4.5	159		1.43	1.43

Beam diagram - MAS LED ExpertColor 7.5-43W MR16 930 24D



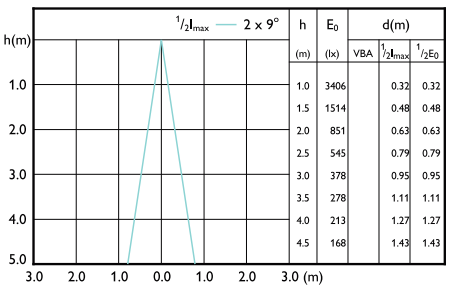
h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	1387		0.57	0.54
1.5	617		0.86	0.80
2.0	347		1.15	1.07
2.5	222		1.43	1.34
3.0	154		1.72	1.61
3.5	113		2.01	1.88
4.0	87		2.29	2.14
4.5	69		2.58	2.41

Beam diagram - MAS LED ExpertColor 6.7-35W MR16 927 36D



h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	1430		0.61	0.57
1.5	636		0.92	0.86
2.0	357		1.22	1.15
2.5	229		1.53	1.43
3.0	159		1.83	1.72
3.5	117		2.14	2.01
4.0	89		2.45	2.29
4.5	71		2.75	2.58

Beam diagram - MAS LED ExpertColor 7.5-43W MR16 940 36D



h (m)	E0 (lx)	d(m) VBA	d(m) 1/2Imax	d(m) 1/2E0
1.0	3406		0.32	0.32
1.5	1514		0.48	0.48
2.0	851		0.63	0.63
2.5	545		0.79	0.79
3.0	378		0.95	0.95
3.5	278		1.11	1.11
4.0	213		1.27	1.27
4.5	168		1.43	1.43

Beam diagram - MAS LED ExpertColor 7.5-43W MR16 940 24D

MASTER LEDspot ExpertColor LV

© 2023 Signify Holding Alla rättigheter förbehålles. Signify lämnar ingen garanti gällande tillförlitligheten eller fullständigheten i informationen som ingår häri och avsäger sig allt ansvar för konsekvenser som kan följa på användning av den här publikationen. Informationen i denna dokumentation är inte avsedd som ett kommersiellt erbjudande och utgör inte en del av något anbud eller kontrakt, om inget annat har avtalats med Signify. Alla varumärken tillhör Signify Holding eller deras respektive ägare.

www.lighting.philips.com
2023, November 28 - data som kan komma att ändras