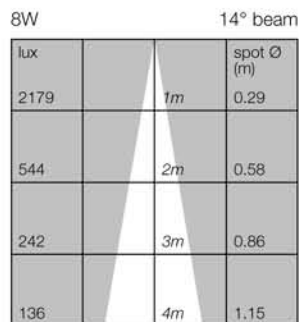


LAMP BEAMS

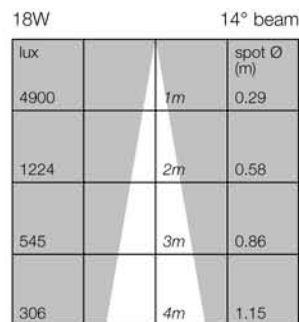
Lux is a measure of illumination on a surface (lumens per square metre) and the values given in the diagrams show the peak intensity at the beam centre at distances of 1, 2, 3 and 4 metres from the lamp.

The beams are drawn at the angle where the intensity is 50% of the intensity at the centre. The lux values in the diagrams are reproduced from lamp manufacturers' data.

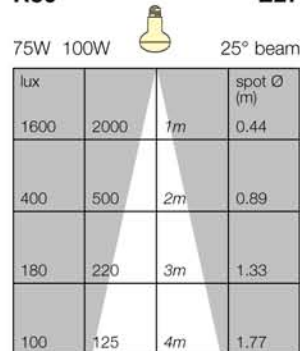
LED M/M MR4



LED M/M AR9

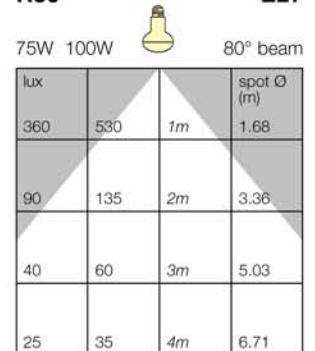


R80



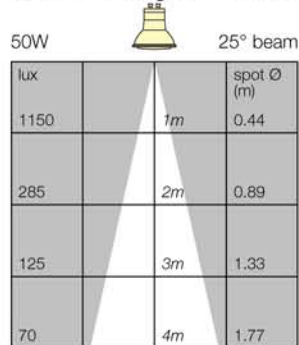
E27

R80

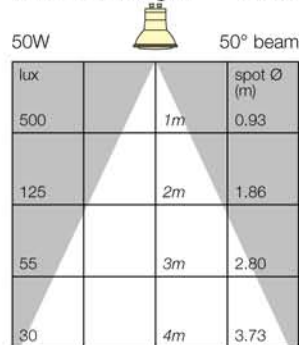


E27

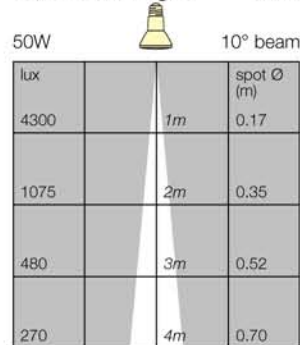
PAR 16 Halogen* GU10



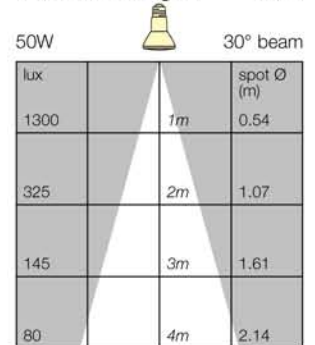
PAR 16 Halogen* GU10



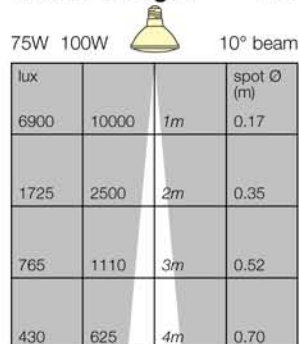
PAR 20 Halogen* E27



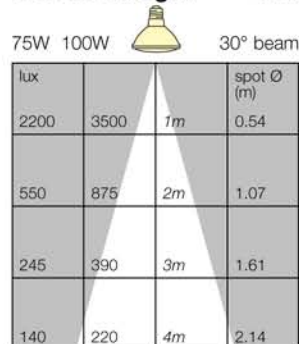
PAR 20 Halogen* E27



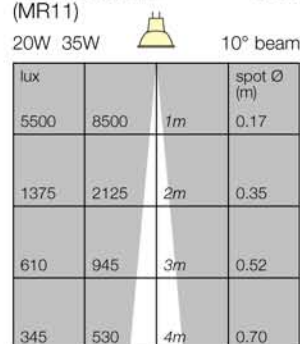
PAR 30 Halogen* E27



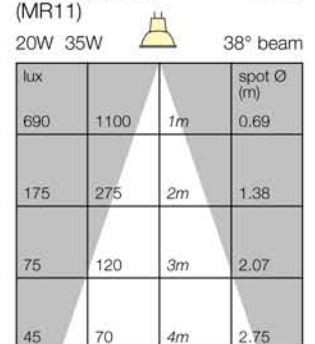
PAR 30 Halogen* E27



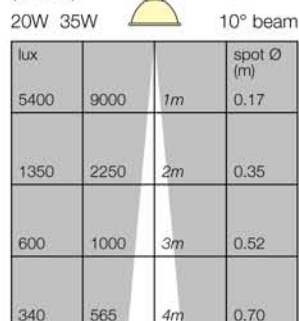
12V Dichroic (MR11) GU4



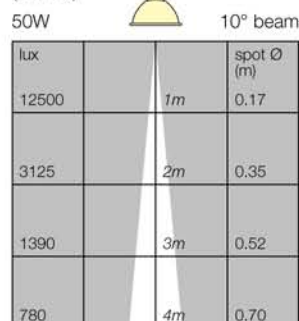
12V Dichroic (MR11) GU4



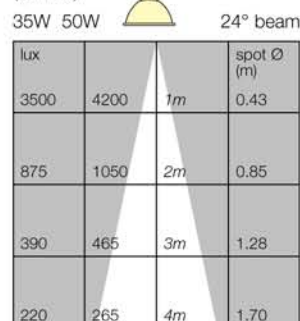
12V Dichroic (MR16) GX5.3



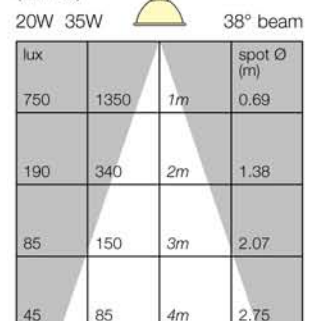
12V Dichroic (MR16) GX5.3



12V Dichroic (MR16) GX5.3



12V Dichroic (MR16) GX5.3



12V Dichroic (MR16) GX5.3
50W 38° beam



lux		spot Ø (m)
2200	1m	0.69
550	2m	1.38
245	3m	2.07
140	4m	2.75

12V Dichroic (MR16) GX5.3
50W 60° beam



lux		spot Ø (m)
1100	1m	1.16
275	2m	2.31
120	3m	3.47
70	4m	4.62

12V Aluminium (AR111) G53
35W 50W 4° beam



lux		spot Ø (m)	
45000	50000	1m	0.07
11250	12500	2m	0.14
5000	5555	3m	0.21
2815	3125	4m	0.28

12V Aluminium (AR111) G53
50W 75W 8° beam



lux		spot Ø (m)	
20000	30000	1m	0.14
5000	7500	2m	0.28
2220	3335	3m	0.42
1250	1875	4m	0.56

12V Aluminium (AR111) G53
100W 8° beam



lux		spot Ø (m)
48000	1m	0.14
12000	2m	0.28
5335	3m	0.42
3000	4m	0.56

12V Aluminium (AR111) G53
35W 50W 24° beam



lux		spot Ø (m)	
2500	3500	1m	0.43
625	875	2m	0.85
280	390	3m	1.28
155	220	4m	1.70

12V Aluminium (AR111) G53
75W 100W 24° beam



lux		spot Ø (m)	
5300	8500	1m	0.43
1325	2125	2m	0.85
590	945	3m	1.28
330	530	4m	1.70

12V Aluminium (AR111) G53
75W 100W 45° beam



lux		spot Ø (m)	
1700	2800	1m	0.81
425	700	2m	1.61
190	310	3m	2.40
105	175	4m	3.21

Metal Halide ES50 GX10
35W 38° beam



lux		spot Ø (m)
4000	1m	0.69
1000	2m	1.38
445	3m	2.07
250	4m	2.75

Metal Halide ES50 GX10
35W 60° beam



lux		spot Ø (m)
2000	1m	1.16
500	2m	2.31
220	3m	3.47
125	4m	4.62

CDM-R111 GX8.5
20W 35W 10° beam



lux		spot Ø (m)	
20000	35000	1m	0.17
5000	8750	2m	0.35
2222	3888	3m	0.52
1250	2188	4m	0.70

CDM-R111 GX8.5
70W 10° beam



lux		spot Ø (m)
50000	1m	0.17
12500	2m	0.35
5555	3m	0.52
3125	4m	0.70

CDM-R111 GX8.5
35W 70W 24° beam



lux		spot Ø (m)	
8500	15000	1m	0.43
2125	3750	2m	0.85
944	1666	3m	1.28
531	938	4m	1.70

CDM-R111 GX8.5
35W 70W 40° beam



lux		spot Ø (m)	
4000	9000	1m	0.73
1000	2250	2m	1.46
444	1000	3m	2.19
250	563	4m	2.92

* Non-dichroic version