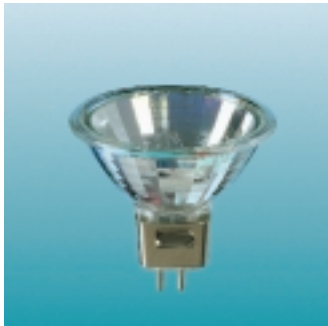


Halogen lamps

Low-voltage dichroic reflector



Masterline Plus 38°



Masterline Plus 12°



Standardline (35mm) 10°



Standardline (35mm) 30°



Standardline 36°



Standardline 60°

Halogen reflector lamps consisting of an extra-low-voltage Halogen burner optically positioned in a glass reflector which has a special heat-transmitting and light-reflecting dichroic coating. This combination of the burner and reflector results in a high-intensity beam with a clearly defined beam spread. The dichroic reflector coating transmits the infrared radiation (heat) backwards through the glass and reflects the visible radiation (light) forward, thus resulting in a cool beam. Philips has an extensive range of dichroic lamps to meet the requirements of different customers. This range comprises the following lamps groups:

MASTERLINE PLUS

The extra high light output dichroic lamp with 50 mm diameter and having :

- a high-pressure Xenon gas filled burner
- anti-reflex coated front glass
- axial filament optimally aligned in an reflector with 'diamond' dichroic coating providing constant high quality, durability, maintainance over lifetime and aesthetics.

STANDARDLINE :

Closed reflector lamp with an extra-low-voltage Halogen burner optically positioned in a hard-coated dichroic reflector to give a high-intensity beam with a clearly defined beam spread. Standardline lamps are also available in compact 35 mm diameter for applications where smaller lamp size is required.

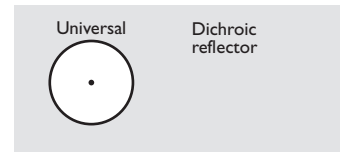
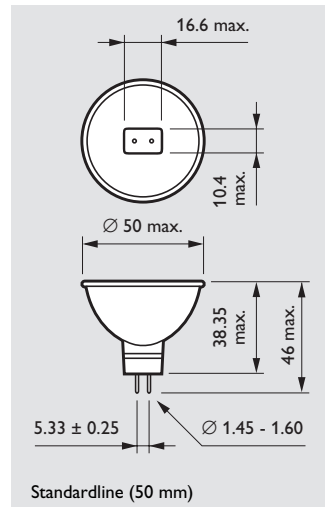
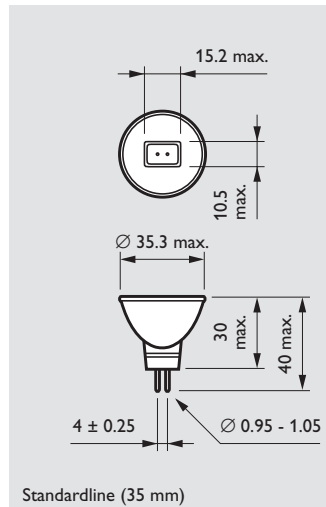
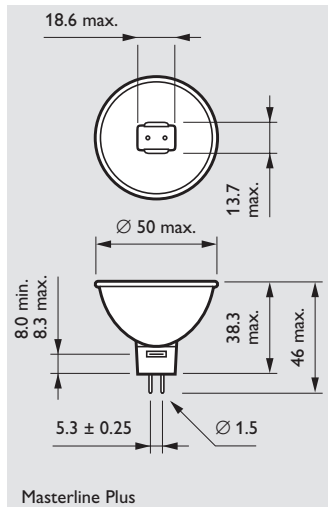
Applications

The wide range of Philips dichroic lamps can be used for accent lighting, general lighting (downlights) and task lighting in :

- shops, stores
- hotels, restaurants, bars
- museums and exhibitions
- homes

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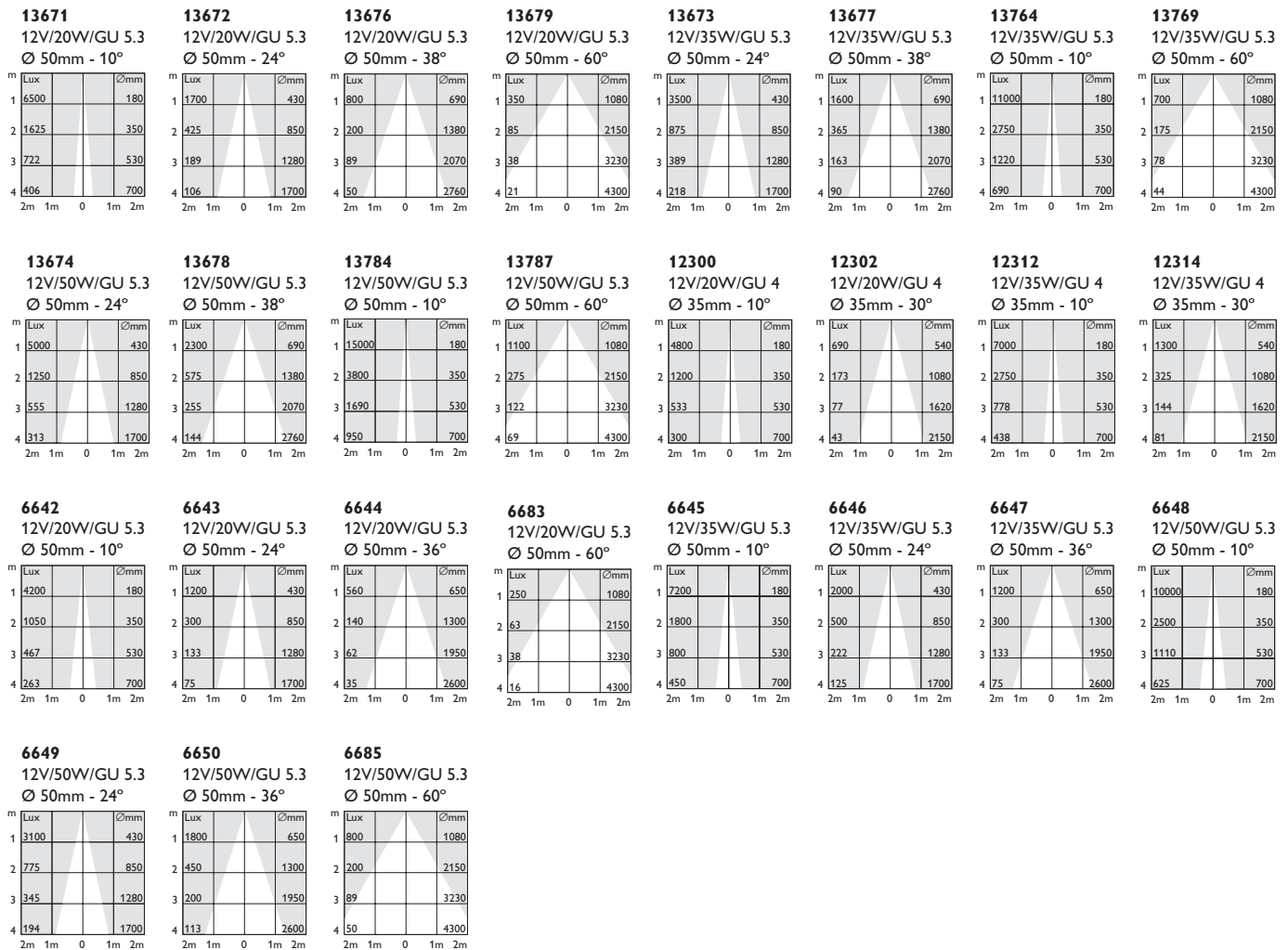


Dimensions in mm

Type	V	W	Beam angle	Cap/base	ANSI code	Max luminous intensity cd	Correlated colour temperature K	Lamp life 50% h	Ordering number	EOC
MASTERLINE PLUS (50MM)										
13671	12V	20W	10DGR	GU5.3	ESX	6500	3100	4000	9240 350 17100	410894
13672	12V	20W	24DGR	GU5.3	BBF	1700	3100	4000	9240 351 17100	402554
13676	12V	20W	38DGR	GU5.3	BAB	800	3100	4000	9240 352 17100	402592
13679	12V	20W	60DGR	GU5.3	NA	350	3100	4000	9240 353 17100	410900
13764	12V	35W	10DGR	GU5.3	FRB	11000	3100	4000	9240 354 17100	410887
13673	12V	35W	24DGR	GU5.3	FRA	3500	3100	4000	9240 355 17100	402561
13677	12V	35W	38DGR	GU5.3	FMV	1600	3100	4000	9240 356 17100	402608
13769	12V	35W	60DGR	GU5.3	NA	700	3100	4000	9240 357 17100	410917
13784	12V	50W	10DGR	GU5.3	EXT	15000	3200	4000	9240 358 17100	410870
13674	12V	50W	24DGR	GU5.3	EXZ	5200	3200	4000	9240 359 17100	402578
13678	12V	50W	38DGR	GU5.3	EXN	2300	3200	4000	9240 360 17100	402615
13787	12V	50W	60DGR	GU5.3	FNV	1100	3200	4000	9240 361 17100	410863
STANDARDLINE (35MM)										
12300	12V	20W	10DGR	GU4	FTB	4800	3000	3000	9240 300 17100	409171
12302	12V	20W	30DGR	GU4	FTD	690	3000	3000	9240 302 17100	409195
12312	12V	35W	10DGR	GU4	FTE	7000	3000	3000	9240 303 17100	409201
12314	12V	35W	30DGR	GU4	FTH	1300	3000	3000	9240 305 17100	409225
STANDARDLINE (50MM)										
6642	12V	20W	10DGR	GU5.3	ESX	4200	3000	4000	9240 031 17100	404015
6643	12V	20W	24DGR	GU5.3	BBF	1200	3000	4000	9240 032 17100	404183
6644	12V	20W	36DGR	GU5.3	BAB	560	3000	4000	9240 033 17100	404022
6683	12V	20W	60DGR	GU5.3	-	250	3000	4000	9240 438 17100	411730
6645	12V	35W	10DGR	GU5.3	FMT	7200	3000	4000	9240 034 17100	404039
6646	12V	35W	24DGR	GU5.3	FMV	2000	3000	4000	9240 035 17100	404190
6647	12V	35W	36DGR	GU5.3	FMV	1200	3000	4000	9240 036 17100	404046
6648	12V	50W	10DGR	GU5.3	EXT	10000	3000	4000	9240 037 17100	404053
6649	12V	50W	24DGR	GU5.3	EXZ	3100	3000	4000	9240 038 17100	404206
6650	12V	50W	36DGR	GU5.3	EXN	1800	3000	4000	9240 039 17100	404060
6685	12V	50W	60DGR	GU5.3	FNV	800	3000	4000	9240 339 17100	409362

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Visual beams