



Manufacturer's lamp cross reference

Sylvania	Osram	Philips	GE
Low Pressure Capsule	HALOSTAR STARLITE	CAPSULEline	QUARTZLINE CAPSULE
Low Pressure Capsule ECO	–	EcoHalo Capsule	–
Dichroic 35/50	DECOSTAR	ACCENTLINE DICHROIC	PRECISE STANDARD
MR16 COOL BEAM ECO	–	EcoHalo Reflector	
Superia 35/50	DECOSTAR TITAN	BRILLIANTline DICHROIC P	RECISE BRIGHT
Coolfit 50	DECOSTAR 51 ALU	BRILLIANTline ALU	PRECISE ALUTECH
SA111	HALOSPOT 111	ALUline 111	HALOGEN 111
Hi-Pin	HALOPIN	CLICKLINE	G9 MAINS TECH
Hi-Pin ECO	HALOPIN ECO	EcoHalo Clickline	G9 Energy Saver
Hi-SPOT® ES50 Superia ECO	–	–	–
Hi-SPOT® ES50 ECO	HALOPAR Energy Saver	EcoHalo Reflector	–
Hi-SPOT® ES50 / ESD50 Superia	HALOPAR 16	TWISTLINE 3000h	MR16 MAINS TECH
Hi-SPOT® ES50 Home	HALOPAR 16	TWISTLINE 2000h	MR16 MAINS START
Hi-SPOT® ES63/ESD63	–	–	–
Hi-SPOT® ES63 ECO	–	–	–
Hi-SPOT® ES111 /ESD111 AG ECO	–	–	–
Hi-SPOT® ES111 AG	–	–	–

TUNGSTEN HALOGEN



LOW VOLTAGE HALOGEN LAMP

Low Pressure Capsule ECO	34	Superia 35/50	38
Low Pressure Capsule	35	Coolfit 50	39
MR16 COOL BEAM ECO	36	SA111	40
Dichroic 35/50	37		

34-40



MAIN VOLTAGE HALOGEN LAMPS

Classic ECO Lamps

Classic ECO A55	41	Classic ECO Candle Twisted	44
Classic ECO Ball	42	Classic ECO Candle Bent Tip	45
Classic ECO Candle	43	Classic ECO R50/R63/R80	46

41-46



Other Lamps

Hi-Pin G9 ECO	47	Hi-SPOT® 63 ECO	58
Hi-Pin G9	48	Hi-SPOT® 63	59
Hi-SPOT® ES50 Superia ECO	49	Hi-SPOT® 80 ECO	60
Hi-SPOT® ES50 ECO	50	Hi-SPOT® 80	61
Hi-SPOT® ES50 / ESD50 Superia	51	Hi-SPOT® 95 ECO	62
Hi-SPOT® ES50 Home	52	Hi-SPOT® 95	63
Hi-SPOT® ES63 ECO	53	Hi-SPOT® 120 ECO	64
Hi-SPOT® ES63/ESD63	54	Hi-SPOT® 120	65
Hi-SPOT® ES111/ESD111 AG ECO	55	Linear Double Ended	
Hi-SPOT® ES111/ESD111 AG	56	78mm/118mm ECO	66
Hi-SPOT® 50	57	Linear Double Ended	
		189mm/254mm/331mm	67

47-67

Manufacturer's lamp cross reference

Sylvania	Osram	Philips	GE
Hi-SPOT® 50	HALOPAR 16	PAR 16 HalogenA	HALOGEN PAR 16
Hi-SPOT® 63	HALOPAR 20	PAR 20 HalogenA	HALOGEN PAR 20
Hi-SPOT® 63 ECO	—	—	—
Hi-SPOT® 80	—	—	HALOGEN PAR 25
Hi-SPOT® 80 ECO	—	—	—
Hi-SPOT® 95	HALOPAR 30	PAR 30S HalogenA	HALOGEN PAR 30
Hi-SPOT® 95 ECO	—	—	—
Hi-SPOT® 120	HALOPAR 38	PAR 38 HalogenA	HALOGEN PAR 38
Hi-SPOT® 120 ECO	—	—	—
Linear Double Ended 78/118mm ECO	HALOLINE ECO	EcoHalo Linear	Linear Energy Saver
Linear Double Ended 189/254/331mm	HALOLINE	Linear T3	Linear Halogen
Classic ECO A55	CLASSIC A	EcoClassic30	HaloGLS
Classic ECO Ball	CLASSIC B	EcoCLASSIC30 Lustre	HaloSpherical
Classic ECO Candle	CLASSIC P	EcoCLASSIC30 Candle	HaloCandle
Classic ECO Candle Twisted	CLASSIC BW	EcoCLASSIC30 DecoCandle	—
Classic ECO R50/R63/R80	Halogen SPOT	EcoCLASSIC30 Reflector	HaloReflector Classic
Classic ECO Candle Bent Tip	—	—	—



Halogen lamps are known for excellent colour rendering (CRI=100) and for dazzling crisp light.

This makes it the preferred light source for decorative, accent and general lighting.

SYLVANIA offers an attractive range of halogen lamps in mains voltage (230V-240V) and low voltage (12V) categories.

Mains voltage halogen lamps operate direct from the mains, without the need for a transformer, and can be dimmed: making them quick and easy to install, simple to operate and lowering installation and user costs.

All Hi-SPOT® mains voltage halogen lamps are rated UV-Stop and are manufactured from materials which dramatically reduce UV emissions.

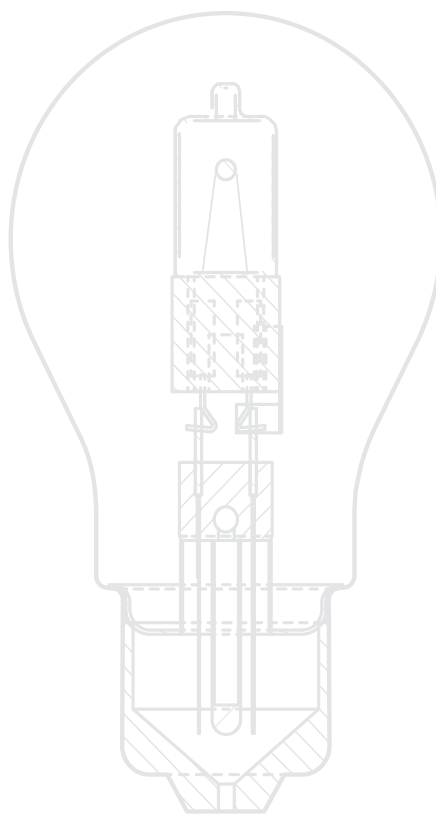
Low voltage halogen lamps operate on step-down transformers, to lower mains voltage to approximately 12V and are also fully dimmable.

High light intensity and long life make it an ideal lamp for accent lighting, task lighting and spotlight application.

SYLVANIA also offers a wide range of energy saving halogen lamps to cater both domestic and professional application in mains and low voltage categories.

SYLVANIA halogen lamps are designed to meet all safety norms, deliver the best performance and excel the customer expectation.

Save on **ENERGY** - not on **LIGHT QUALITY**.





LOW PRESSURE CAPSULES ECO

The smallest low voltage lamps.
The same light output at 20% lower energy consumption.



MR16 COOL BEAM ECO

Energy saving alternative for standard MR16 halogen lamps without compromising on light quality.

High intensity, crisp light output combined with 20% less energy consumption makes it an ideal lamp for domestic and commercial application



CLASSIC ECO

Halogen Classic ECO lamps are an efficient replacement of conventional incandescent lamps.

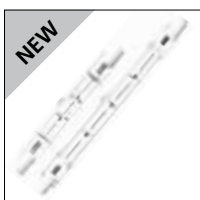
Two times longer average life and excellent colour rendering makes it an ideal replacement lamp.

All Halogen Classic ECO lamp are 100% dimmable, which means their light output can be modified according to the required ambience - from maximum brightness to comfortably dimmed.



HI-PIN G9 ECO

Halogen Hi-Pin G9 ECO is a range of energy saving lamps, which offer a 30% energy reduction, high luminous efficiency and sparkling light output, making them an ideal replacement for the standard G9 range.



LINEAR DOUBLE ENDED 78MM/118MM ECO

The Halogen Double Ended ECO is a range of energy-efficient lamps offering 20% energy savings with the same light output as standard halogen double ended lamps.



HI-SPOT ES50 SUPERIA ECO

Hi-SPOT Superia Eco sets a new standard with a product that sparkles in its superiority. With the outstanding performance of the Hi-SPOT Superia Eco, Sylvania confirms its commitment to the environment by extending the range of ecologically friendly products, saving energy and reducing CO₂ emissions.

HI-SPOT ES50 SUPERIA ECO is a true replacement for standard GU10 lamps, offering 30% energy savings.



HI-SPOT® ES50 ECO

HI-SPOT ES50 ECO is a range of high performance GU10 lamps, offering 20% energy saving with the same light intensity as standard halogen GU10 lamps.

The Ideal product for domestic and commercial application.



HI-SPOT ECO

The HI-SPOT ECO is the best replacement for halogen PAR range.

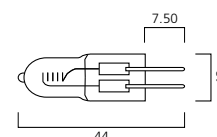
With the same amount of light intensity at 20% lower energy consumption makes it the ideal solution for commercial and domestic application.

LOW PRESSURE CAPSULES ECO



- Xenon technology
- 20% energy saving with same light output compared to standard capsules
- Compact size for optimum luminaire design
- Dimmable using a suitable dimmer for operation with a transformer
- Constant light output throughout lamp life
- Suitable for use in open luminaires following Luminaire Standard EN 60598-1
- UV protected
- Suitable for interior display, shop windows, restaurants and discotheque lighting
- Less CO₂ emissions - ECO Friendly
- Less heat generation than standard halogen capsules - more design freedom for luminaire manufacturers
- Excellent colour rendering (CRI=100)

GY 6.35

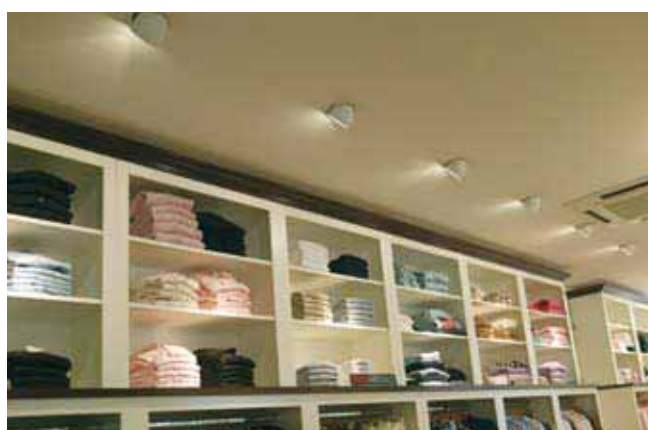


Wattage Comparison

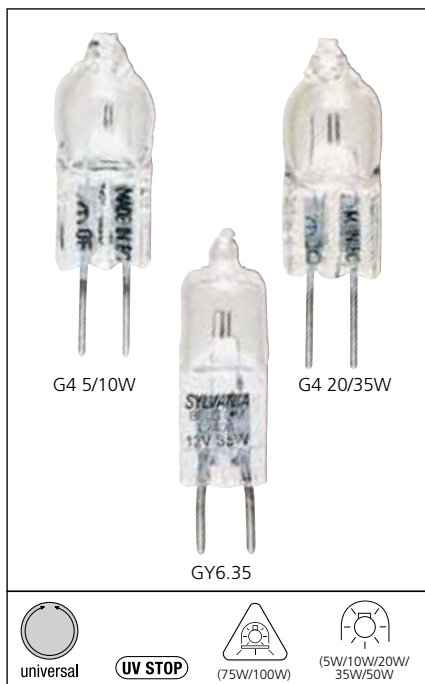
28W	=	35W
40W	=	50W

LOW PRESSURE CAPSULES ECO

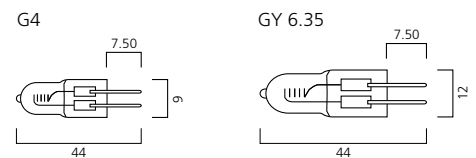
Code	Description	Watt	Volt	Cap	Colour Temp	Luminous Flux	Average Rated Life	Packing Qty.
0021320	12V LP CAPS GY6.35 ECO	28W	12V	GY6.35	2800	500 lm	2000 hrs	50
0021321	12V LP CAPS GY6.35 ECO	40W	12V	GY6.35	2800	900 lm	2000 hrs	50



LOW PRESSURE CAPSULE



- Compact size for optimum luminaire design
- Dimmable using a suitable dimmer for operation with a transformer
- Constant light output throughout lamp life
- 5W/10W/20W/35W/50W capsules are suitable for use in open luminaires following Luminaire Standard EN 60598-1
- 75W/100W capsules are suitable for operating only in the Luminaire provided
- with a protective shield.
- Interior display, shop windows, restaurants and discotheque lighting
- Precision task lighting
- Excellent colour rendering (CRI=100)



LOW PRESSURE CAPSULE

Code	Description	Watt	Volt	Cap	Colour Temp	Luminous Flux	Average Rated Life	Packing Qty.
0022165	12V/5W LP	5W	12V	G4	2800K	40 lm	2000 hrs	100
0022241	12V/10W LP	10W	12V	G4	2800K	100 lm	2000 hrs	100
0022242	12V/20W LP	20W	12V	G4	2800K	250 lm	2000 hrs	100
0022246	12V/35W LP	35W	12V	G4	2800K	500 lm	2000 hrs	100
0021021	12V/35W LP	35W	12V	GY 6.35	2800K	520 lm	2000 hrs	100
0021022	12V/50W LP	50W	12V	GY 6.35	2800K	900 lm	2000 hrs	100
0021994*	12V/75W HP	75W	12V	GY 6.35	3050K	1600 lm	3000 hrs	50
0021995*	12V/100W HP	100W	12V	GY 6.35	3050K	2300 lm	3000 hrs	50

* High performance - pressure

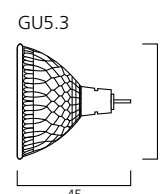


MR16 COOL BEAM ECO



- 20% energy saving
- Same light intensity as standard MR16 lamps.
- Cool beam - 66% of the heat produced is radiated through the back of the lamp
- Less CO₂ emissions - ECO Friendly
- Less heat generation.
- Dimmable using a suitable dimmer for operation with a transformer
- Constant colour and light output throughout lamp life
- Excellent colour rendering
- Accent and decorative lighting in retail, commercial and domestic applications
- Suitable for use in open luminaires following Luminaire Standard EN 60598-1
- Excellent colour rendering (CRI=100)

10°		16W	28W	40W
175mmØ	1m	3600lx	5000lx	6000lx
350mmØ	2m	900lx	1250lx	1500lx
525mmØ	3m	400lx	555lx	666lx
700mmØ	4m	225lx	312lx	375lx



Wattage Comparison	
16W	= 20W
28W	= 35W
40W	= 50W

38°		16W	28W	40W
689mmØ	1m	660lx	1200lx	1950lx
1377mmØ	2m	165lx	300lx	490lx
2066mmØ	3m	75lx	135lx	215lx
2755mmØ	4m	40lx	75lx	120lx

60°		40W
1155mmØ	1m	900lx
2309mmØ	2m	225lx
3464mmØ	3m	100lx
4619mmØ	4m	55lx

MR16 COOL BEAM ECO

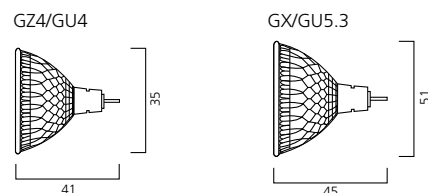
Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
MR16 COOL BEAM ECO									
0021807	ESX 16W SP10°	16W	12V	10°	GU5.3	2925K	3600 cd	2000 hrs	10
0021808	BAB 16W WFL38°	16W	12V	38°	GU5.3	2925K	660 cd	2000 hrs	10
0021809	FMT 28W SP10°	28W	12V	10°	GU5.3	3000K	5000 cd	2000 hrs	10
0021810	FMW 28W WFL38°	28W	12V	38°	GU5.3	3000K	1200 cd	2000 hrs	10
0021811	EXT 40W SP10°	40W	12V	10°	GU5.3	3050K	6000 cd	2000 hrs	10
0021812	EXN 40W WFL38°	40W	12V	38°	GU5.3	3050K	1950 cd	2000 hrs	10
0021813	FNW 40W WFL60°	40W	12V	60°	GU5.3	3050K	900 cd	2000 hrs	10



DICHROIC 35/50



- Cool beam – 66% of the heat produced is radiated through the back of the lamp
- Dimmable using a suitable dimmer for operation with a transformer
- Constant colour and light output throughout lamp life
- Excellent colour rendering
- Universal burning position
- Accent and decorative lighting in retail, commercial and domestic applications
- Suitable for use in open luminaires following Luminaire Standard EN 60598-1
- Excellent colour rendering (CRI=100)



Dichroic 50

24°		50W
425mmØ	1m	2500lx
850mmØ	2m	625lx
1275mmØ	3m	278lx
1700mmØ	4m	156lx

60°		35W	50W
1155mmØ	1m	700lx	900lx
2309mmØ	2m	175lx	225lx
3464mmØ	3m	78lx	100lx
4619mmØ	4m	44lx	56lx

Dichroic 35

10°		20W	35W
175mmØ	1m	3600lx	5700lx
350mmØ	2m	900lx	1425lx
525mmØ	3m	400lx	633lx
700mmØ	4m	225lx	356lx

Dichroic 50

10°		20W	35W	50W
175mmØ	1m	3600lx	5000lx	8000lx
350mmØ	2m	900lx	1250lx	2000lx
525mmØ	3m	400lx	556lx	889lx
700mmØ	4m	225lx	313lx	500lx

38°		20W	35W	50W
689mmØ	1m	660lx	1200lx	1950lx
1377mmØ	2m	165lx	300lx	488lx
2066mmØ	3m	73lx	133lx	217lx
2755mmØ	4m	41lx	75lx	122lx

DICHROIC 35/50

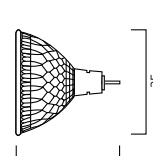
Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Dichroic 35									
0022336	FTB 12V/20W SP10°	20W	12V	10°	GU4	2900K	3600 cd	1500 hrs	10
0022339	FTE 12V/35W SP10°	35W	12V	10°	GU4	2900K	5700 cd	1500 hrs	10
Dichroic 50									
0022580	ESX 20W/12V SP10°	20W	12V	10°	GU5.3	2925K	3600 cd	4000 hrs	10
0021765	BAB 20W/12V WFL38°	20W	12V	38°	GU5.3	2925K	660 cd	4000 hrs	10
0022581	FMT 35W/12V SP10°	35W	12V	10°	GU5.3	3000K	5000 cd	4000 hrs	10
0021766	FMW 35W/12V WFL38°	35W	12V	38°	GU5.3	3000K	1200 cd	4000 hrs	10
0022391	35W/12V VWFL60°	35W	12V	60°	GU5.3	3000K	700 cd	4000 hrs	10
0022582	EXT 50W/12V SP10°	50W	12V	10°	GU5.3	3050K	8000 cd	4000 hrs	10
0022348	EXZ 50W/12V FL24°	50W	12V	24°	GU5.3	3050K	2500 cd	4000 hrs	10
0021767	EXN 50W/12V WFL38°	50W	12V	38°	GU5.3	3050K	1950 cd	4000 hrs	10
0022390	FNV 50W/12V VWFL60°	50W	12V	60°	GU5.3	3050K	900 cd	4000 hrs	10

SUPERIA 35/50

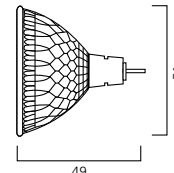


- Cool Beam – 66% of the heat produced is radiated through the back of the lamp
- Spiral reflector, uniform beam pattern, patented design
- Constant colour and light output throughout lamp life
- No colour variation between lamps
- 25% longer life + 25% more light output
- Professional lighting of objects and displays sensitive to heat
- Whiter light output
- Suitable for use in open luminaires following Luminaire Standard EN 60598-1
- Excellent colour rendering (CRI=100)

GZ4/GU4



GX/GU5.3



Superia 50

10°		20W	35W	50W
175mmØ	1m	4000lx	7700lx	11500lx
350mmØ	2m	1000lx	1925lx	2850lx
525mmØ	3m	444lx	855lx	1278lx
700mmØ	4m	250lx	481lx	719lx

24°		50W
425mmØ	1m	2500lx
850mmØ	2m	625lx
1275mmØ	3m	278lx
1700mmØ	4m	156lx

Superia 35

38°		20W	35W
689mmØ	1m	700lx	1350lx
1377mmØ	2m	175lx	338lx
2066mmØ	3m	78lx	180lx
2755mmØ	4m	44lx	84lx

38°		20W	35W	50W
689mmØ	1m	790lx	1450lx	2250lx
1377mmØ	2m	198lx	363lx	563lx
2066mmØ	3m	88lx	161lx	250lx
2755mmØ	4m	49lx	91lx	141lx

60°		50W
1155mmØ	1m	1000lx
2309mmØ	2m	250lx
3464mmØ	3m	111lx
4619mmØ	4m	62.5lx

SUPERIA 35/50

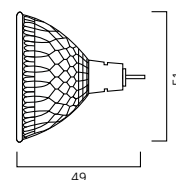
Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Superia 35									
0022338	FTD 12V 20W WFL38°	20W	12V	38°	GU4	2925K	700 cd	4000 hrs	10
0022341	FTH 12V 35W WFL38°	35W	12V	38°	GU4	3000K	1350 cd	4000 hrs	10
Superia 50									
0022301	ESX 12V 20W SP10°	20W	12V	10°	GU5.3	2925K	4000 cd	5000 hrs	10
0022302	BAB 12V 20W WFL38°	20W	12V	38°	GU5.3	2925K	790 cd	5000 hrs	10
0022305	FMT 12V 35W SP10°	35W	12V	10°	GU5.3	3000K	7700 cd	5000 hrs	10
0022306	FMW 12V 35W WFL38°	35W	12V	38°	GU5.3	3000K	1450 cd	5000 hrs	10
0022311	EXT 12V 50W SP10°	50W	12V	10°	GU5.3	3050K	11500 cd	5000 hrs	10
0022312	EXZ 12V 50W FL24°	50W	12V	24°	GU5.3	3050K	3600 cd	5000 hrs	10
0022314	EXN 12V 50W WFL38°	50W	12V	38°	GU5.3	3050K	2250 cd	5000 hrs	10
0022315	FNV 12V 50W VWFL60°	50W	12V	60°	GU5.3	3050K	1000 cd	5000 hrs	10

COOLFIT 50



- Virtually all heat and light dissipated away from back of the lamp keeping fixture cool and therefore safer, particularly suitable for use in fire rated downlights
- Wear resistant aluminium reflector for constant output and colour throughout life
- Easily recognisable by blue cement in lamp cap
- Can replace any 12V 50mmØ dichroic low voltage lamp
- Suitable for use in open luminaires following Luminaire Standard EN 60598-1
- Excellent colour rendering (CRI=100)

GX/GU5.3



Coolfit 50

38°		20W	35W	50W
689mmØ	1m	660lx	1200lx	1950lx
1377mmØ	2m	165lx	300lx	488lx
2066mmØ	3m	73lx	133lx	217lx
2755mmØ	4m	41lx	75lx	122lx

60°		50W
1155mmØ	1m	900lx
2309mmØ	2m	225lx
3464mmØ	3m	100lx
4619mmØ	4m	56lx

COOLFIT 50

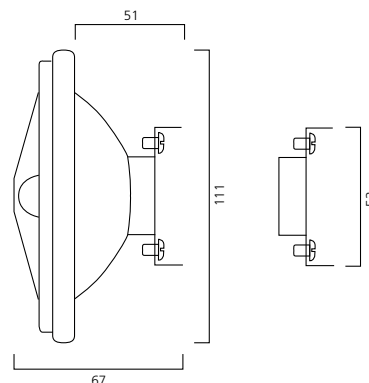
Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Coolfit 50									
0022516	BAB/AL 20W 12V WFL38°	20W	12V	38°	GU5.3	3000K	660 cd	5000 hrs	10
0022517	FMW/AL 35W 12V WFL38°	35W	12V	38°	GU5.3	3000K	1200 cd	5000 hrs	10
0022519	EXN/AL 50W 12V WFL38°	50W	12V	38°	GU5.3	3000K	1950 cd	5000 hrs	10
0022520	FNW/AL 50W 12V VWFL60°	50W	12V	60°	GU5.3	3000K	900 cd	5000 hrs	10



SA111



- Aluminium reflector dissipates heat and light forward
- Dimmable using a suitable dimmer for operation with a transformer
- Even light distribution and constant colour throughout lamp life
- Integrated anti-glare shield
- Suitable for use in open luminaires following Luminaire Standard EN 60598-1
- For accent and decorative lighting in retail, commercial and domestic applications
- Excellent colour rendering (CRI=100)



8°		50W	75W	100W
140mmØ	1m	2300lx	3000lx	4800lx
280mmØ	2m	575lx	750lx	1200lx
420mmØ	3m	256lx	333lx	533lx
559mmØ	4m	143lx	187lx	300lx

24°		50W	75W	100W
425mmØ	1m	4000lx	5300lx	8500lx
850mmØ	2m	1000lx	1325lx	2125lx
1275mmØ	3m	444lx	589lx	944lx
1700mmØ	4m	250lx	331lx	531lx

45°		20W	35W	50W
828mmØ	1m	1200lx	1700lx	2800lx
1657mmØ	2m	300lx	425lx	700lx
2485mmØ	3m	133lx	189lx	311lx
3314mmØ	4m	75lx	106lx	175lx

SA111

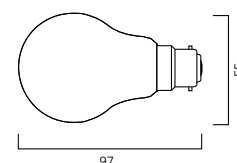
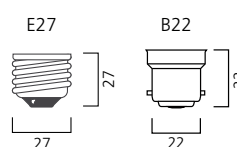
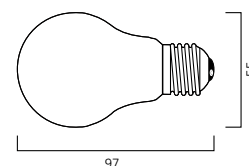
Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
SA111									
0021850	SA111 SP8°	50W	12V	8°	G53	2900K	23000 cd	3000 hrs	6
0021853	SA111 SP24°	50W	12V	24°	G53	2900K	4000 cd	3000 hrs	6
0021856	SA111 WFL45°	50W	12V	45°	G53	2900K	1200 cd	3000 hrs	6
0021851	SA111 SP8°	75W	12V	8°	G53	2900K	30000 cd	3000 hrs	6
0021854	SA111 SP24°	75W	12V	24°	G53	2900K	5300 cd	3000 hrs	6
0021857	SA111 WFL45°	75W	12V	45°	G53	2900K	1700 cd	3000 hrs	6
0021852	SA111 SP8°	100W	12V	8°	G53	2900K	48000 cd	3000 hrs	6
0021855	SA111 SP24°	100W	12V	24°	G53	2900K	8500 cd	3000 hrs	6
0021858	SA111 WFL45°	100W	12V	45°	G53	2900K	2800 cd	3000 hrs	6



CLASSIC ECO A55



- 1:1 replacement of Incandescent A55 lamp
- More efficient - more savings
- Two times more average life compared to incandescent lamps = 2000 hours
- Excellent colour rendering (CRI = 100)
- Instant illumination
- Sparkling light output
- Less heat generation than incandescent lamp
- Less CO₂ emissions
- Identical shape as standard incandescent lamp
- Commercial and domestic application
- 100% dimmable



Wattage Comparison	
18W	= 21W
28W	= 35W
42W D	= 53W
42W C	= 55W
53W	= 70W
70W	= 92W

CLASSIC ECO A55

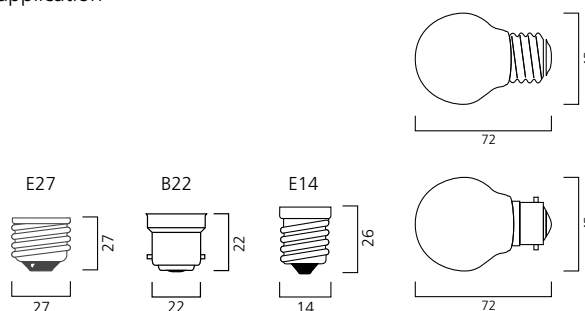
Code	Description	Watt	Volt	Cap	Colour Temp	Luminous Flux	Energy Class	Average Rated Life	Packing Qty.
0023128	A55 18W 230V E27	18W	230V	E27	2800K	180 lm	D	2000 hrs	10
0023129	A55 18W 230V B22	18W	230V	B22	2800K	180 lm	D	2000 hrs	10
0023130	A55 18W 240V E27	18W	240V	E27	2800K	180 lm	D	2000 hrs	10
0023131	A55 18W 240V B22	18W	240V	B22	2800K	180 lm	D	2000 hrs	10
0023087	A55 28W 230V E27	28W	230V	E27	2800K	345 lm	D	2000 hrs	10
0023088	A55 28W 230V B22	28W	230V	B22	2800K	345 lm	D	2000 hrs	10
0023089	A55 28W 240V E27	28W	240V	E27	2800K	345 lm	D	2000 hrs	10
0023090	A55 28W 240V B22	28W	240V	B22	2800K	345 lm	D	2000 hrs	10
0023083	A55 42W 230V E27	42W	230V	E27	2800K	600 lm	D	2000 hrs	10
0023084	A55 42W 230V B22	42W	230V	B22	2800K	600 lm	D	2000 hrs	10
0023085	A55 42W 240V E27	42W	240V	E27	2800K	600 lm	D	2000 hrs	10
0023086	A55 42W 240V B22	42W	240V	B22	2800K	600 lm	D	2000 hrs	10
0023765	A55 42W 230V E27 C	42W	230V	E27	2800K	630 lm	C	2000 hrs	10
0023766	A55 42W 230V B22 C	42W	230V	B22	2800K	630 lm	C	2000 hrs	10
0023767	A55 42W 240V E27 C	42W	240V	E27	2800K	630 lm	C	2000 hrs	10
0023768	A55 42W 240V B22 C	42W	240V	B22	2800K	630 lm	C	2000 hrs	10
0023132	A55 53W 230V E27	53W	230V	E27	2800K	850 lm	C	2000 hrs	10
0023133	A55 53W 230V B22	53W	230V	B22	2800K	850 lm	C	2000 hrs	10
0023134	A55 53W 240V E27	53W	240V	E27	2800K	850 lm	C	2000 hrs	10
0023135	A55 53W 240V B22	53W	240V	B22	2800K	850 lm	C	2000 hrs	10
0023136	A55 70W 230V E27	70W	230V	E27	2800K	1200 lm	C	2000 hrs	10
0023137	A55 70W 230V B22	70W	230V	B22	2800K	1200 lm	C	2000 hrs	10
0023138	A55 70W 240V E27	70W	240V	E27	2800K	1200 lm	C	2000 hrs	10
0023139	A55 70W 240V B22	70W	240V	B22	2800K	1200 lm	C	2000 hrs	10

CLASSIC ECO

Ball



- 1:1 replacement of Incandescent Ball lamp
- More efficient - more savings
- Two times more average life compared to incandescent lamps = 2000 hours
- Excellent colour rendering (CRI = 100)
- Instant illumination
- Sparkling light output
- Less heat generation than incandescent lamp
- Less CO₂ emissions
- Identical shape as standard incandescent lamp
- Commercial and domestic application
- 100% dimmable



Wattage Comparison

18W	=	21W
28W	=	35W
42W D	=	53W
42W C	=	55W

CLASSIC ECO BALL

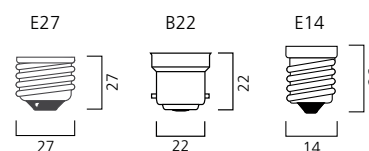
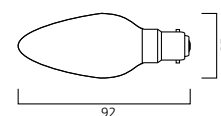
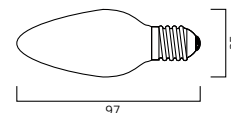
Code	Description	Watt	Volt	Cap	Colour Temp	Luminous Flux	Energy Class	Average Rated Life	Packing Qty.
0023140	Ball 18W 230V E14	18W	230V	E14	2800K	180 lm	D	2000 hrs	10
0023141	Ball 18W 230V E27	18W	230V	E27	2800K	180 lm	D	2000 hrs	10
0023142	Ball 18W 240V E14	18W	240V	E14	2800K	180 lm	D	2000 hrs	10
0023143	Ball 18W 240V E27	18W	240V	E27	2800K	180 lm	D	2000 hrs	10
0023144	Ball 18W 240V B22	18W	240V	B22	2800K	180 lm	D	2000 hrs	10
0023109	Ball 28W 230V E14	28W	230V	E14	2800K	345 lm	D	2000 hrs	10
0023111	Ball 28W 230V E27	28W	230V	E27	2800K	345 lm	D	2000 hrs	10
0023110	Ball 28W 240V E14	28W	240V	E14	2800K	345 lm	D	2000 hrs	10
0023112	Ball 28W 240V E27	28W	240V	E27	2800K	345 lm	D	2000 hrs	10
0023113	Ball 28W 240V B22	28W	240V	B22	2800K	345 lm	D	2000 hrs	10
0023105	Ball 42W 230V E14	42W	230V	E14	2800K	600 lm	D	2000 hrs	10
0023107	Ball 42W 230V E27	42W	230V	E27	2800K	600 lm	D	2000 hrs	10
0023106	Ball 42W 240V E14	42W	240V	E14	2800K	600 lm	D	2000 hrs	10
0023108	Ball 42W 240V E27	42W	240V	E27	2800K	600 lm	D	2000 hrs	10
0023114	Ball 42W 240V B22	42W	240V	B22	2800K	600 lm	D	2000 hrs	10
0023776	Ball 42W 230V E14 C	42W	230V	E14	2800K	630 lm	C	2000 hrs	10
0023777	Ball 42W 240V E14 C	42W	240V	E14	2800K	630 lm	C	2000 hrs	10
0023778	Ball 42W 230V E27 C	42W	230V	E27	2800K	630 lm	C	2000 hrs	10
0023779	Ball 42W 240V E27 C	42W	240V	E27	2800K	630 lm	C	2000 hrs	10
0023780	Ball 42W 240V B22 C	42W	240V	B22	2800K	630 lm	C	2000 hrs	10

CLASSIC ECO

Candle



- 1:1 replacement of Incandescent Candle lamp
- More efficient - more savings
- Two times more average life compared to incandescent lamps = 2000 hours
- Excellent colour rendering (CRI = 100)
- Instant illumination
- Sparkling light output
- Less heat generation than incandescent lamp
- Less CO₂ emissions
- Identical shape as standard incandescent lamp
- Commercial and domestic application
- 100% dimmable



Wattage Comparison

18W	=	21W
28W	=	35W
42W D	=	53W
42W C	=	55W

CLASSIC ECO CANDLE

Code	Description	Watt	Volt	Cap	Colour Temp	Luminous Flux	Energy Class	Average Rated Life	Packing Qty.
0023095	Candle 18W 230V E14	18W	230V	E14	2800K	180 lm	D	2000 hrs	10
0023096	Candle 18W 230V E27	18W	230V	E27	2800K	180 lm	D	2000 hrs	10
0023097	Candle 18W 240V E14	18W	240V	E14	2800K	180 lm	D	2000 hrs	10
0023098	Candle 18W 240V E27	18W	240V	E27	2800K	180 lm	D	2000 hrs	10
0023099	Candle 18W 240V B22	18W	240V	B22	2800K	180 lm	D	2000 hrs	10
0023093	Candle 28W 230V E14	28W	230V	E14	2800K	345 lm	D	2000 hrs	10
0023094	Candle 28W 240V E14	28W	240V	E14	2800K	345 lm	D	2000 hrs	10
0023116	Candle 28W 240V B22	28W	240V	B22	2800K	345 lm	D	2000 hrs	10
0023091	Candle 42W 230V E14	42W	230V	E14	2800K	600 lm	D	2000 hrs	10
0023092	Candle 42W 240V E14	42W	240V	E14	2800K	600 lm	D	2000 hrs	10
0023118	Candle 42W 240V B22	42W	240V	B22	2800K	600 lm	D	2000 hrs	10
0023771	Candle 42W 230V E14 C	42W	230V	E14	2800K	630 lm	C	2000 hrs	10
0023772	Candle 42W 240V E14 C	42W	240V	E14	2800K	630 lm	C	2000 hrs	10
0023773	Candle 42W 240V E27 C	42W	240V	E27	2800K	630 lm	C	2000 hrs	10
0023774	Candle 42W 240V B22 C	42W	240V	B22	2800K	630 lm	C	2000 hrs	10

CLASSIC ECO

Candle Twisted



- Decorative halogen candle twisted lamp
- 1:1 replacement of Incandescent lamp
- More efficient - more savings
- Two times more average life compared to incandescent lamps = 2000 hours
- Excellent colour rendering (CRI = 100)
- Instant illumination
- Sparkling light output
- Less heat generation than incandescent lamp
- Less CO₂ emissions
- Identical shape as standard incandescent lamp
- For chandeliers and decorative fixtures in domestic and commercial application
- 100% dimmable



Wattage Comparison

18W	=	21W
28W	=	35W
42W C	=	55W

CLASSIC ECO CANDLE TWISTED

Code	Description	Watt	Volt	Cap	Colour Temp	Luminous Flux	Energy Class	Average Rated Life	Packing Qty.
0023449	Candle TW 18W 230V E14	18W	230V	E14	2800K	180lm	D	2000 hrs	10
0023450	Candle TW18W 240V E14	18W	240V	E14	2800K	180lm	D	2000 hrs	10
0023451	Candle TW 28W 230V E14	28W	230V	E14	2800K	345lm	D	2000 hrs	10
0023452	Candle TW 28W 240V E14	28W	240V	E14	2800K	345lm	D	2000 hrs	10
0023455	Candle TW42W 230V E14	42W	230V	E14	2800K	630lm	C	2000 hrs	10
0023456	Candle TW 42W 240V E14	42W	240V	E14	2800K	630lm	C	2000 hrs	10

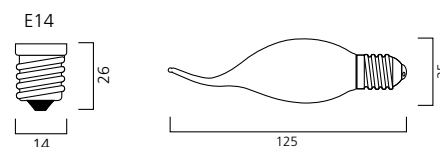


CLASSIC ECO

Candle Bent Tip



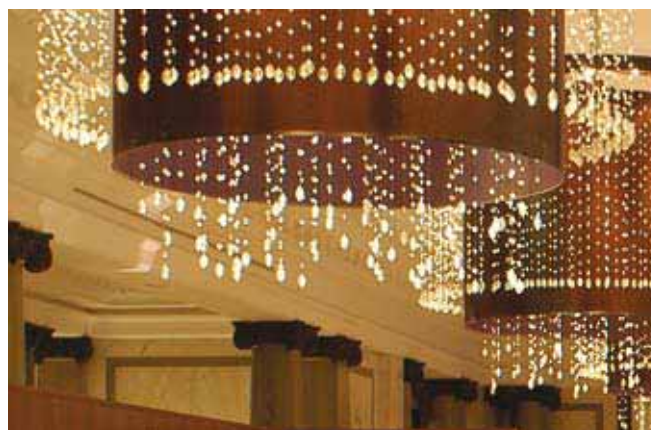
- Decorative halogen candle Bent Tip lamp
- 1:1 replacement of Incandescent lamp
- More efficient - more savings
- Two times more average life compared to incandescent lamps = 2000 hours
- Excellent colour rendering (CRI = 100)
- Instant illumination
- Sparkling light output
- Less heat generation than incandescent lamp
- Less CO₂ emissions
- Identical shape as standard incandescent lamp
- For chandeliers and decorative fixtures in domestic and commercial application
- 100% dimmable



Wattage Comparison		
18W	=	21W
28W	=	35W

CLASSIC ECO CANDLE BENT TIP

Code	Description	Watt	Volt	Cap	Colour Temp	Luminous Flux	Energy Class	Average Rated Life	Packing Qty.
0023465	Candle BT 18W 230V E14	18W	230V	E14	2800K	180lm	D	2000 hrs	10
0023466	Candle BT18W 240V E14	18W	240V	E14	2800K	180lm	D	2000 hrs	10
0023467	Candle BT 28W 230V E14	28W	230V	E14	2800K	345lm	D	2000 hrs	10
0023468	Candle BT 28W 240V E14	28W	240V	E14	2800K	345lm	D	2000 hrs	10

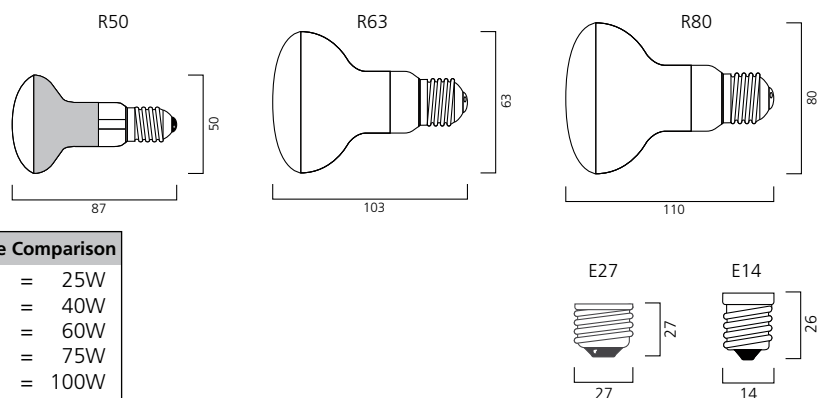


CLASSIC ECO

R50/R63/80



- 1:1 replacement of Incandescent reflector lamps
- More efficient - more savings
- Two times more average life compared to incandescent lamps = 2000 hours
- Excellent colour rendering (CRI = 100)
- Instant illumination
- Crisp light output
- Less heat generation than incandescent lamp
- Less CO₂ emissions
- Identical shape as standard incandescent lamp
- Commercial and domestic application
- Suitable for shop windows, displays, discos and clubs as well in the home
- For use in track or surface mounted spotlights or in recessed down lights
- 100% dimmable



Wattage Comparison	
18W	= 25W
28W	= 40W
42W	= 60W
53W	= 75W
70W	= 100W

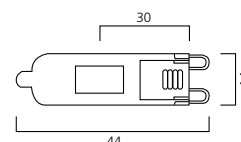
CLASSIC ECO R50/R63/R80

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Classic ECO R50									
0023102	R50 18W 230V E14 FL30°	18W	230V	30°	E14	2800K	200 cd	2000 hrs	10
0023103	R50 18W 240V E14 FL30°	18W	240V	30°	E14	2800K	200 cd	2000 hrs	10
0023120	R50 28W 230V E14 FL30°	28W	230V	30°	E14	2800K	335 cd	2000 hrs	10
0023121	R50 28W 240V E14 FL30°	28W	240V	30°	E14	2800K	335 cd	2000 hrs	10
Classic ECO R63									
0023124	R63 28W 230V E27 FL30°	28W	230V	30°	E27	2800K	335 cd	2000 hrs	10
0023125	R63 28W 240V E27 FL30°	28W	240V	30°	E27	2800K	335 cd	2000 hrs	10
0023122	R63 42W 230V E27 FL30°	42W	230V	30°	E27	2800K	570 cd	2000 hrs	10
0023123	R63 42W 240V E27 FL30°	42W	240V	30°	E27	2800K	570 cd	2000 hrs	10
Classic ECO R80									
0023127	R80 28W 240V E27 FL30°	28W	240V	30°	E27	2800K	335 cd	2000 hrs	10
0023126	R80 42W 240V E27 FL30°	42W	240V	30°	E27	2800K	570 cd	2000 hrs	10
0023147	R80 53W 240V E27 FL30°	53W	240V	30°	E27	2800K	750 cd	2000 hrs	10
0023148	R80 70W 240V E27 FL30°	70W	240V	30°	E27	2800K	1080 cd	2000 hrs	10

HI-PIN G9 ECO



- Xenon technology
- 30% energy saving
- Average life of 2000 hours
- Less CO₂ emissions - ECO Friendly
- Less heat generation than standard G9 capsules - more design freedom for luminaire manufacturers
- Compact size
- Integral safety fuse
- Suitable for use in open luminaires following Luminaire Standard EN 60598-1
- Easy installation with G9 plug-in base
- Transformer free operation
- 100% dimmable



Wattage Comparison	
18W	= 25W
28W	= 40W
42W	= 60W
53W	= 75W

HI-PIN G9 ECO

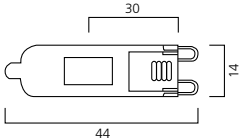
Code	Description	Watt	Volt	Cap	Lamp Finish	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-Pin G9 ECO									
0022840	Hi-Pin G9 ECO 18W 230V	18W	230V	G9	Clear	2800K	180 lm	2000 hrs	10
0022841	Hi-Pin G9 ECO 18W 240V	18W	240V	G9	Clear	2800K	180 lm	2000 hrs	10
0022842	Hi-Pin G9 ECO 28W 230V	28W	230V	G9	Clear	2800K	345 lm	2000 hrs	10
0022843	Hi-Pin G9 ECO 28W 240V	28W	240V	G9	Clear	2800K	345 lm	2000 hrs	10
0022844	Hi-Pin G9 ECO 42W 230V	42W	230V	G9	Clear	2800K	630 lm	2000 hrs	10
0022845	Hi-Pin G9 ECO 42W 240V	42W	240V	G9	Clear	2800K	630 lm	2000 hrs	10
0022846	Hi-Pin G9 ECO 53W 230V	53W	230V	G9	Clear	2800K	850 lm	2000 hrs	10
0022847	Hi-Pin G9 ECO 53W 240V	53W	240V	G9	Clear	2800K	850 lm	2000 hrs	10



HI-PIN G9



- Average life of 2000 hours
- Compact size
- Integral safety fuse
- Suitable for use in open luminaires following Luminaire Standard EN 60598-1
- Available in both clear and frosted finish
- Easy installation with G9 plug-in base



HI-PIN G9

Code	Description	Watt	Volt	Cap	Lamp Finish	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-Pin G9									
0022801	Hi-Pin G9 25W/230V Clear	25W	230V	G9	Clear	2800K	240 lm	2000 hrs	10
0022803	Hi-Pin G9 40W/230V Clear	40W	230V	G9	Clear	2800K	440 lm	2000 hrs	10
0022805*	Hi-Pin G9 60W/230V Clear	60W	230V	G9	Clear	2800K	740 lm	2000 hrs	10
0022802	Hi-Pin G9 25W/240V Clear	25W	240V	G9	Clear	2800K	240 lm	2000 hrs	10
0022804	Hi-Pin G9 40W/240V Clear	40W	240V	G9	Clear	2800K	440 lm	2000 hrs	10
0022806*	Hi-Pin G9 60W/240V Clear	60W	240V	G9	Clear	2800K	740 lm	2000 hrs	10

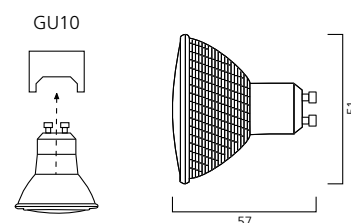
** Affected by EUP as from September 2010*



HI-SPOT® ES50 SUPERIA ECO



- Xenon technology
- 30% energy savings compared to standard halogen GU10 lamps.
- Average life of 3000 hours
- Uniform, symmetrical light beam
- Unique 4 segmented W-shape filament for optimal focussing of light beam, resulting in less stray light
- Unique, patented, spiral faceted aluminised reflector
- Crisp light
- High luminous intensity
- 100% dimmable
- Less heat generation
- Integral safety fuse.
- Transformer free operation



20°		35W	50W
353mmØ	1m	1200lx	2000lx
705mmØ	2m	300lx	500lx
1058mmØ	3m	133lx	222lx
1411mmØ	4m	75lx	125lx

40°		35W	50W
728mmØ	1m	500lx	900lx
1456mmØ	2m	125lx	225lx
2184mmØ	3m	56lx	100lx
2918mmØ	4m	31lx	56lx

Wattage Comparison	
35W	= 50W
50W	= 75W

HI-SPOT® ES50 SUPERIA ECO

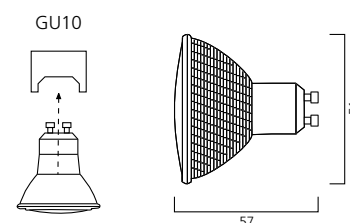
Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT ES50 SUPERIA ECO									
0022920	ES50 Superia ECO 35W FL20°	35W	230V	20°	GU10	2750K	1200 cd	3000 hrs	10
0022875	ES50 Superia ECO 35W WFL40°	35W	230V	40°	GU10	2750K	500 cd	3000 hrs	10
0022922	ES50 Superia ECO 35W FL20°	35W	240V	20°	GU10	2750K	1200 cd	3000 hrs	10
0022877	ES50 Superia ECO 35W WFL40°	35W	240V	40°	GU10	2750K	500 cd	3000 hrs	10
0022921	ES50 Superia ECO 50W FL20°	50W	230V	20°	GU10	2800K	2000 cd	3000 hrs	10
0022876	ES50 Superia ECO 50W WFL40°	50W	230V	40°	GU10	2800K	900 cd	3000 hrs	10
0022923	ES50 Superia ECO 50W FL20°	50W	240V	20°	GU10	2800K	2000 cd	3000 hrs	10
0022878	ES50 Superia ECO 50W WFL40°	50W	240V	40°	GU10	2800K	900 cd	3000 hrs	10



HI-SPOT® ES50 ECO



- Xenon technology
- Up to 30% energy savings compared to standard halogen GU10 lamps
- Average life of 2000 hours
- High light intensity
- Unique, patented, spiral faceted reflector
- 100% dimmable
- Integral safety fuse
- For accent or decorative lighting in retail, commercial and domestic applications
- Transformer free operation



25°		18W	28W	40W
443mmØ	1m	350lx	600lx	1000lx
887mmØ	2m	88lx	150lx	250lx
1330mmØ	3m	39lx	67lx	111lx
1774mmØ	4m	22lx	38lx	63lx

50°		50W
933mmØ	1m	500lx
1865mmØ	2m	125lx
2798mmØ	3m	56lx
3730mmØ	4m	31lx

Wattage Comparison	
18W	= 25W
28W	= 35W
40W	= 50W

HI-SPOT® ES50 ECO

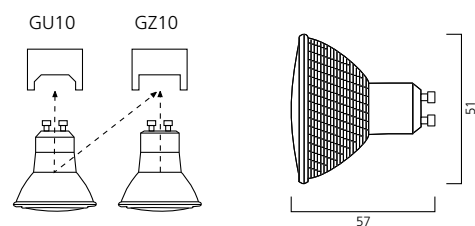
Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT ES50 ECO									
0022717	Hi-SPOT ES50 ECO 18W FL25°	18W	230V	25°	GU10	2700K	350 cd	2000 hrs	10
0022718	Hi-SPOT ES50 ECO 18W FL25°	18W	240V	25°	GU10	2700K	350 cd	2000 hrs	10
0022719	Hi-SPOT ES50 ECO 28W FL25°	28W	230V	25°	GU10	2800K	600 cd	2000 hrs	10
0022720	Hi-SPOT ES50 ECO 28W FL25°	28W	240V	25°	GU10	2800K	600 cd	2000 hrs	10
0022721	Hi-SPOT ES50 ECO 40W FL25°	40W	230V	25°	GU10	2800K	1000 cd	2000 hrs	10
0022722	Hi-SPOT ES50 ECO 40W FL25°	40W	240V	25°	GU10	2800K	1000 cd	2000 hrs	10
0022723	Hi-SPOT ES50 ECO 40W WFL50°	40W	230V	50°	GU10	2800K	500 cd	2000 hrs	10
0022724	Hi-SPOT ES50 ECO 40W WFL50°	40W	240V	50°	GU10	2800K	500 cd	2000 hrs	10



HI-SPOT® ES50/ESD50 SUPERIA



- Unique long life filament – 4000 hours life
- Xenon gas filling for increased light output
- Unique, patented, spiral faceted aluminised reflector
- For accent or decorative lighting in retail, commercial and domestic applications
- Ceramic base, brass contacts for a robust fitting
- For use in mains voltage GU10/GZ10 downlights, spotlights and luminaires
- Transformer free halogen
- 100% dimmable
- Integral Safety fuse



25°		35W	50W
443mmØ	1m	850lx	1360lx
887mmØ	2m	213lx	340lx
1330mmØ	3m	94lx	151lx
1774mmØ	4m	53lx	85lx

50°		50W
933mmØ	1m	550lx
1865mmØ	2m	138lx
2798mmØ	3m	61lx
3730mmØ	4m	34lx

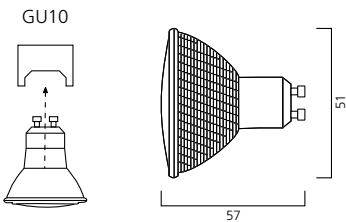
HI-SPOT® ES50/ESD50 SUPERIA

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT ES50 Superia									
0022900	ES50 Superia 35W FL25°	35W	230V	25°	GU10	2700K	850 cd	4000 hrs	10
0022902	ES50 Superia 50W FL25°	50W	230V	25°	GU10	2750K	1360 cd	4000 hrs	10
0022906	ES50 Superia 50W WFL50°	50W	230V	50°	GU10	2750K	550 cd	4000 hrs	10
0022901	ES50 Superia 35W FL25°	35W	240V	25°	GU10	2700K	850 cd	4000 hrs	10
0022903	ES50 Superia 50W FL25°	50W	240V	25°	GU10	2750K	1360 cd	4000 hrs	10
0022907	ES50 Superia 50W WFL50°	50W	240V	50°	GU10	2750K	550 cd	4000 hrs	10
Hi-SPOT ESD50 Dichroic Superia									
0022904	ESD50 Superia 50W FL25°	50W	230V	25°	GZ10	2800K	1360 cd	4000 hrs	10
0022908	ESD50 Superia 50W WFL50°	50W	230V	50°	GZ10	2800K	550 cd	4000 hrs	10
0022905	ESD50 Superia 50W FL25°	50W	240V	25°	GZ10	2800K	1360 cd	4000 hrs	10
0022909	ESD50 Superia 50W WFL50°	50W	240V	50°	GZ10	2800K	550 cd	4000 hrs	10

HI-SPOT® ES50 HOME



- Unique, patented, spiral faceted aluminised reflector
- Clear front lens for crisp sparkling light
- Average life of 2500 hours
- Integral safety fuse
- Ceramic base
- For use in mains voltage GU10 downlights, spotlights and luminaires
- Transformer free operation



25°		35W	50W
443mmØ	1m	500lx	1100lx
887mmØ	2m	125lx	275lx
1330mmØ	3m	56lx	122lx
1774mmØ	4m	31lx	69lx

50°		50W
933mmØ	1m	500lx
1865mmØ	2m	125lx
2798mmØ	3m	56lx
3730mmØ	4m	31lx

HI-SPOT® ES50 HOME

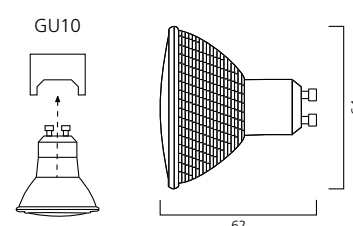
Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT ES50 Home									
0021254	Hi-SPOT ES50 35W FL25°	35W	230-240V	25°	GU10	2700K	500 cd	2500 hrs	10
0021256	Hi-SPOT ES50 50W FL25°	50W	230-240V	25°	GU10	2700K	1100 cd	2500 hrs	10
0021261	Hi-SPOT ES50 50W WFL50°	50W	230-240V	50°	GU10	2700K	500 cd	2500 hrs	10



HI-SPOT® ES63 ECO



- Xenon technology
- 20% energy savings compared to Hi-SPOT® ES63 with same luminous intensity
- Uniform, symmetrical light beam
- Halogen light without the need for a transformer
- Installing and changing lamps made easier with the 'twist and lock' GU10 and GZ10 caps
- Unique patented, spiral faceted reflector
- 100% dimmable
- For accent or decorative lighting in retail, commercial and domestic applications
- Suitable for outdoor use when protected from contact with water
- Unique 4 segmented W-shape filament for optimal focussing of light beam, resulting in less stray light
- Less heat generation



25°		40W	60W
443mmØ	1m	1500lx	2500lx
887mmØ	2m	375lx	625lx
1330mmØ	3m	167lx	278lx
1774mmØ	4m	94lx	156lx

50°		60W
933mmØ	1m	1000lx
1865mmØ	2m	250lx
2798mmØ	3m	111lx
3730mmØ	4m	63lx

Wattage Comparison	
40W	= 50W
60W	= 75W

HI-SPOT® ES63 ECO

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT ES63 ECO*									
0021192	Hi-SPOT ES63 ECO 40W FL25°	40W	230V	25°	GU10	2750K	1500 cd	2500 hrs	15
0021195	Hi-SPOT ES63 ECO 40W FL25°	40W	240V	25°	GU10	2750K	1500 cd	2500 hrs	15
0021193	Hi-SPOT ES63 ECO 60W FL25°	60W	230V	25°	GU10	2800K	2500 cd	2500 hrs	15
0021196	Hi-SPOT ES63 ECO 60W FL25°	60W	240V	25°	GU10	2800K	2500 cd	2500 hrs	15
0021194	Hi-SPOT ES63 ECO 60W WFL50°	60W	230V	50°	GU10	2800K	1000 cd	2500 hrs	15
0021197	Hi-SPOT ES63 ECO 60W WFL50°	60W	240V	50°	GU10	2800K	1000 cd	2500 hrs	15

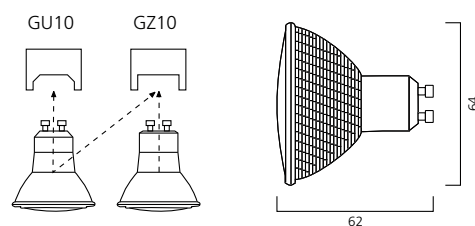
* To be available from September 2010



HI-SPOT® ES63/ESD63



- Halogen light without the need for a transformer
- Installing and changing lamps made easier with the 'twist and lock' GU10 and GZ10 caps
- Unique patented, computer designed spiral faceted reflector
- 100% dimmable
- For accent or decorative lighting in retail, commercial and domestic applications
- Suitable for outdoor use when protected from contact with water



25°		50W	75W
443mmØ	1m	1500lx	2500lx
887mmØ	2m	325lx	625lx
1330mmØ	3m	167lx	278lx
1774mmØ	4m	94lx	156lx

50°		75W
933mmØ	1m	1000lx
1865mmØ	2m	250lx
2798mmØ	3m	111lx
3730mmØ	4m	63lx

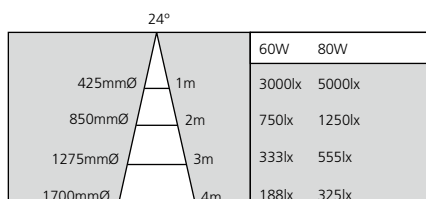
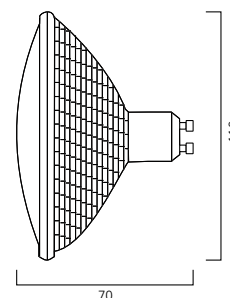
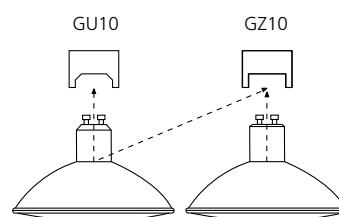
HI-SPOT® ES63/ESD63

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT ES63									
0022266	Hi-SPOT ES63 50W FL25°	50W	230V	25°	GU10	2750K	1500 cd	2500 hrs	15
0022271	Hi-SPOT ES63 75W FL25°	75W	230V	25°	GU10	2800K	2500 cd	2500 hrs	15
0022261	Hi-SPOT ES63 75W WFL50°	75W	230V	50°	GU10	2800K	1000 cd	2500 hrs	15
0022268	Hi-SPOT ES63 50W FL25°	50W	240V	25°	GU10	2750K	1500 cd	2500 hrs	15
0022274	Hi-SPOT ES63 75W FL25°	75W	240V	25°	GU10	2800K	2500 cd	2500 hrs	15
0022264	Hi-SPOT ES63 75W WFL50°	75W	240V	50°	GU10	2800K	1000 cd	2500 hrs	15
Hi-SPOT ESD63 Dichroic									
0022281	Hi-SPOT ESD63 75W FL25°	75W	230V	25°	GZ10	2850K	2500 cd	2500 hrs	15
0022291	Hi-SPOT ESD63 75W WFL50°	75W	230V	50°	GZ10	2850K	1000 cd	2500 hrs	15
0022284	Hi-SPOT ESD63 75W FL25°	75W	240V	25°	GZ10	2850K	2500 cd	2500 hrs	15

HI-SPOT® ES111 /ESD111 AG ECO



- Xenon technology
- 20% energy savings compared to Hi-SPOT® ES111/ESD111 with same luminous intensity
- Uniform, Symmetrical light beam
- With Integral anti-glare shield
- High lumen intensity
- 100% dimmable
- Dichroic & Aluminized reflector optical
- For accent or decorative lighting in retail and commercial applications
- Unique 4 segmented W-shape filament for optimal focussing of light beam, resulting in less stray light
- Less heat generation



Wattage Comparison	
60W	= 75W
80W	= 100W

HI-SPOT® ES111 /ESD111 AG ECO

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT ES111 ECO with anti-glare*									
0021264	Hi-SPOT ES111 ECO 60W FL24°	60W	230V	24°	GU10	2800K	3000 cd	2000 hrs	15
0021266	Hi-SPOT ES111 ECO 60W FL24°	60W	240V	24°	GU10	2800K	3000 cd	2000 hrs	15
Hi-SPOT ESD111 ECO Dichroic with anti-glare*									
0021265	Hi-SPOT ESD111 ECO 80W FL24°	80W	230V	24°	GZ10	2900K	5000 cd	2000 hrs	15
0021267	Hi-SPOT ESD111 ECO 80W FL24°	80W	240V	24°	GZ10	2900K	5000 cd	2000 hrs	15

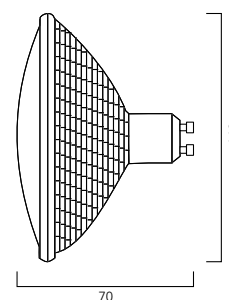
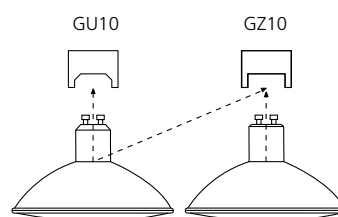
* To be available from September 2010



HI-SPOT® ES111/ESD111 AG



- Mains voltage alternative to Sylvania SA111 aluminium reflector lamp
- With integral anti-glare shield option
- Halogen light without the need for a transformer
- Installing and changing lamps made easier with the 'twist and lock' GU10 and GZ10 caps
- For accent or decorative lighting in retail, commercial and domestic applications



10°		100W
175mmØ	1m	12000lx
350mmØ	2m	3000lx
525mmØ	3m	1333lx
700mmØ	4m	750lx

24°		75W	100W
425mmØ	1m	3500lx	5000lx
850mmØ	2m	875lx	125lx
1275mmØ	3m	389lx	556lx
1700mmØ	4m	219lx	313lx

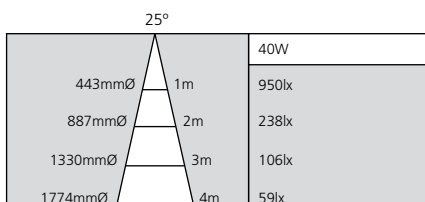
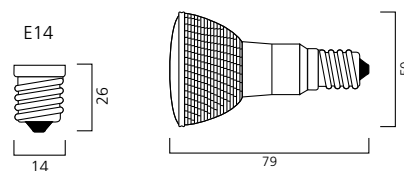
HI-SPOT® ES111/ESD111 AG

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT ES111 without anti-glare									
0022221	Hi-SPOT ES111 75W FL24°	75W	230V	24°	GU10	2800K	3000 cd	2000 hrs	15
0022223	Hi-SPOT ES111 75W FL24°	75W	240V	24°	GU10	2800K	3000 cd	2000 hrs	15
Hi-SPOT ES111 with anti-glare									
0022224	Hi-SPOT ES111 75W FL24°	75W	230V	24°	GU10	2800K	3500 cd	2000 hrs	15
0022225	Hi-SPOT ES111 75W FL24°	75W	240V	24°	GU10	2800K	3500 cd	2000 hrs	15
Hi-SPOT ESD111 Dichroic with anti-glare									
0022229	Hi-SPOT ES111 100W SP10°	100W	230V	10°	GZ10	2900K	12000 cd	2000 hrs	15
0022227	Hi-SPOT ES111 100W FL24°	100W	230V	24°	GZ10	2900K	5000 cd	2000 hrs	15
0022228	Hi-SPOT ES111 100W SP10°	100W	240V	10°	GZ10	2900K	12000 cd	2000 hrs	15
0022226	Hi-SPOT ES111 100W FL24°	100W	240V	24°	GZ10	2900K	5000 cd	2000 hrs	15

HI-SPOT® 50



- Retrofit solution for E14 incandescent R50 lamps
- Twice the life compared to incandescent lamps
- Halogen light without the need for a transformer
- Unique, patented spiral reflector design for uniform beam pattern
- 100% dimmable
- For use in mains voltage E14 cap downlights, spotlights and luminaires



HI-SPOT® 50

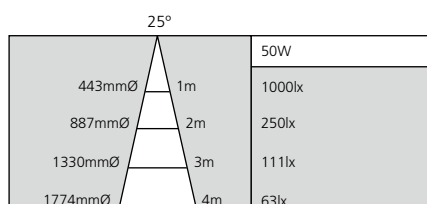
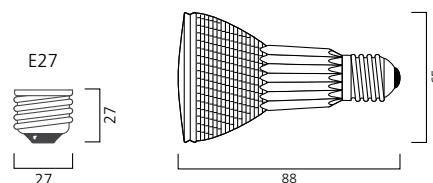
Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT 50									
0021081	Hi-SPOT 50 40W FL25°	40W	230V	25°	E14	2700K	950 cd	2000 hrs	15
0021084	Hi-SPOT 50 40W FL25°	40W	240V	25°	E14	2700K	950 cd	2000 hrs	15



HI-SPOT® 63 ECO



- Xenon technology
- 20% energy savings compared to Hi-SPOT® 63 with same luminous intensity
- Uniform, symmetrical beam
- Minimized stray light losses - more light on application area
- Unique 4 segmented W-shape filament for optimal focussing of light beam, resulting in less stray light
- Less heat generation
- 100% dimmable
- Transformer free operation



Wattage Comparison	
40W	= 50W

HI-SPOT® 63 ECO

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT 63 ECO*									
0021137	Hi-SPOT 63 ECO 40W FL25°	40W	230V	25°	E27	2800K	1000 cd	2500 hrs	15
0021138	Hi-SPOT 63 ECO 40W FL25°	40W	240V	25°	E27	2800K	1000 cd	2500 hrs	15

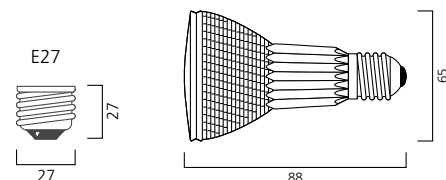
* To be available from September 2010



HI-SPOT® 63



- Halogen light without the need for a transformer
- Unique, patented, spiral faceted aluminised reflector
- 100% dimmable
- For use in mains voltage E27 cap downlights, spotlights and luminaires
- For accent or decorative lighting in retail, commercial and domestic applications
- Suitable for outdoor use when protected from direct contact with water



10°			50W
175mmØ	1m		3000lx
350mmØ	2m		750lx
525mmØ	3m		333lx
700mmØ	4m		188lx

25°			50W
443mmØ	1m		1000lx
887mmØ	2m		250lx
1330mmØ	3m		111lx
1774mmØ	4m		63lx

HI-SPOT® 63

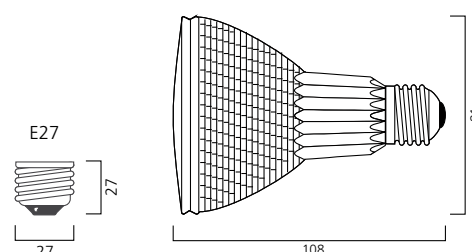
Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT 63									
0021125	Hi-SPOT 63 50W SP10°	50W	230V	10°	E27	2900K	3000 cd	2500 hrs	15
0021126	Hi-SPOT 63 50W FL25°	50W	230V	25°	E27	2900K	1000 cd	2500 hrs	15
0021127	Hi-SPOT 63 50W SP10°	50W	240V	10°	E27	2900K	3000 cd	2500 hrs	15
0021128	Hi-SPOT 63 50W FL25°	50W	240V	25°	E27	2900K	1000 cd	2500 hrs	15



HI-SPOT® 80 ECO



- Xenon technology
- 20% energy savings compared to Hi-SPOT® 80 with same luminous intensity
- Uniform, symmetrical beam
- Minimized stray light losses - more light on application area
- Unique 4 segmented W-shape filament for optimal focussing of light beam, resulting in less stray light
- Less heat generation
- 100% dimmable
- Transformer free operation



25°		
443mmØ	1m	
887mmØ	2m	
1330mmØ	3m	
1774mmØ	4m	

Wattage Comparison	
40W	= 50W
60W	= 75W

HI-SPOT® 80 ECO

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT 80 ECO*									
0021148	Hi-SPOT 80 ECO 40W FL25°	40W	230V	25°	E27	2800K	1100 cd	2500 hrs	15
0021150	Hi-SPOT 80 ECO 40W FL25°	40W	240V	25°	E27	2800K	1100 cd	2500 hrs	15
0021149	Hi-SPOT 80 ECO 60W FL25°	60W	230V	25°	E27	2900K	2000 cd	2500 hrs	15
0021151	Hi-SPOT 80 ECO 60W FL25°	60W	240V	25°	E27	2900K	2000 cd	2500 hrs	15

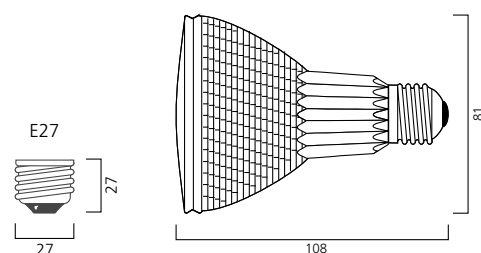
* To be available from September 2010



HI-SPOT® 80



- Halogen light without the need for a transformer
- Unique, patented, spiral faceted aluminised reflector
- 100% dimmable
- For use in mains voltage E27 cap downlights, spotlights and luminaires
- For accent or decorative lighting in retail, commercial and domestic applications
- Suitable for outdoor use when protected from direct contact with water



10°		50W	75W
175mmØ	1m	4000lx	5500lx
350mmØ	2m	1000lx	1375lx
525mmØ	3m	444lx	611lx
700mmØ	4m	250lx	344lx

25°		50W	75W
443mmØ	1m	1100lx	1300lx
887mmØ	2m	275lx	325lx
1330mmØ	3m	122lx	144lx
1774mmØ	4m	69lx	81lx

HI-SPOT® 80

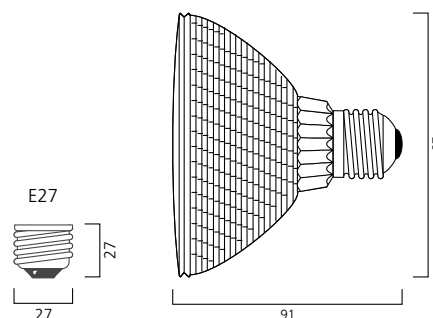
Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT 80									
0021131	Hi-SPOT 80 50W SP10°	50W	230V	10°	E27	2900K	4000 cd	2500 hrs	15
0021132	Hi-SPOT 80 50W FL25°	50W	230V	25°	E27	2900K	1100 cd	2500 hrs	15
0021133	Hi-SPOT 80 75W SP10°	75W	230V	10°	E27	2900K	5500 cd	3000 hrs	15
0021134	Hi-SPOT 80 75W FL25°	75W	230V	25°	E27	2900K	1300 cd	3000 hrs	15
0021161	Hi-SPOT 80 50W SP10°	50W	240V	10°	E27	2900K	4000 cd	2500 hrs	15
0021162	Hi-SPOT 80 50W FL25°	50W	240V	25°	E27	2900K	1100 cd	2500 hrs	15
0021163	Hi-SPOT 80 75W SP10°	75W	240V	10°	E27	2900K	5500 cd	3000 hrs	15
0021164	Hi-SPOT 80 75W FL25°	75W	240V	25°	E27	2900K	1300 cd	3000 hrs	15



HI-SPOT® 95 ECO



- Xenon technology
- 20% energy savings compared to Hi-SPOT® 95 with same luminous intensity
- Uniform, symmetrical beam
- Less CO₂ emissions
- Unique 4 segmented W-shape filament for optimal focussing of light beam, resulting in less stray light
- For accent or decorative lighting in retail, commercial and domestic applications
- Less heat generation
- 100% dimmable
- Transformer free operation



	30°	
536mmØ	1m	
1072mmØ	2m	
1608mmØ	3m	
2144mmØ	4m	

60W	80W
2400lx	3500lx
600lx	875lx
266.7lx	390lx
150lx	220lx

Wattage Comparison

60W	=	75W
80W	=	100W

HI-SPOT® 95 ECO

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT 95 ECO*									
0021177	Hi-SPOT 95 ECO 60W FL30°	60W	230V	30°	E27	2900K	2200 cd	2500 hrs	15
0021179	Hi-SPOT 95 ECO 60W FL30°	60W	240V	30°	E27	2900K	2200 cd	2500 hrs	15
0021178	Hi-SPOT 95 ECO 80W FL30°	80W	230V	30°	E27	2900K	3500 cd	2500 hrs	15
0021180	Hi-SPOT 95 ECO 80W FL30°	80W	240V	30°	E27	2900K	3500 cd	2500 hrs	15
Hi-SPOT 95 ECO Dichroic*									
0021227	Hi-SPOT 95 ECO 60W FL30° D	60W	230V	30°	E27	2900K	2400 cd	2500 hrs	15
0021228	Hi-SPOT 95 ECO 60W FL30° D	60W	240V	30°	E27	2900K	2400 cd	2500 hrs	15

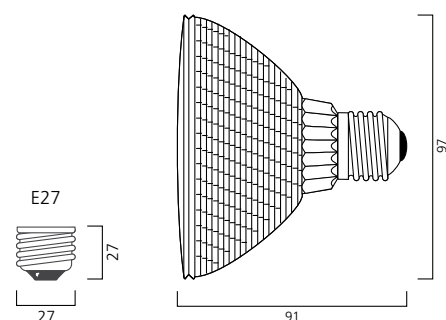
* To be available from September 2010



HI-SPOT® 95



- Halogen light without the need for a transformer
- Unique, patented, spiral faceted aluminised reflector
- 100% dimmable
- For use in mains voltage E27 cap downlights, spotlights and luminaires
- Use dichroic lamps for lighting food, textiles and other objects sensitive to heat
- Suitable for outdoor use when protected from direct contact with water



10°		75W	100W
175mmØ	1m	6900lx	10000lx
350mmØ	2m	1725lx	2500lx
525mmØ	3m	767lx	1111lx
700mmØ	4m	431lx	625lx

30°		75W	75W DIC	100W
536mmØ	1m	2200lx	2400lx	3500lx
1072mmØ	2m	550lx	600lx	875lx
1608mmØ	3m	244lx	267lx	389lx
2144mmØ	4m	138lx	150lx	219lx

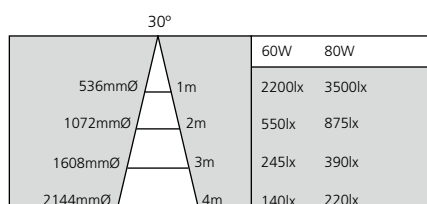
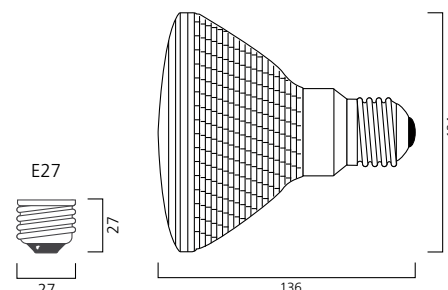
HI-SPOT® 95

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT 95									
0021230	Hi-SPOT 95 75W SP10°	75W	230V	10°	E27	2900K	6900 cd	3000 hrs	15
0021231	Hi-SPOT 95 75W FL30°	75W	230V	30°	E27	2900K	2200 cd	3000 hrs	15
0021234	Hi-SPOT 95 100W SP10°	100W	230V	10°	E27	2900K	10000 cd	3000 hrs	15
0021235	Hi-SPOT 95 100W FL30°	100W	230V	30°	E27	2900K	3500 cd	3000 hrs	15
0021232	Hi-SPOT 95 75W SP10°	75W	240V	10°	E27	2900K	6900 cd	3000 hrs	15
0021233	Hi-SPOT 95 75W FL30°	75W	240V	30°	E27	2900K	2200 cd	3000 hrs	15
0021236	Hi-SPOT 95 100W SP10°	100W	240V	10°	E27	2900K	10000 cd	3000 hrs	15
0021237	Hi-SPOT 95 100W FL30°	100W	240V	30°	E27	2900K	3500 cd	3000 hrs	15
Hi-SPOT 95 Dichroic									
0021291	Hi-SPOT 95 75W FL30° D	75W	230V	30°	E27	2900K	2400 cd	3000 hrs	15
0021293	Hi-SPOT 95 75W FL30° D	75W	240V	30°	E27	2900K	2400 cd	3000 hrs	15

HI-SPOT® 120 ECO



- Xenon technology
- 20% energy savings compared to Hi-SPOT® 120 with same luminous intensity
- Uniform, symmetrical beam
- Less CO₂ emissions
- Less heat generation
- Unique 4 segmented W-shape filament for optimal focussing of light beam, resulting in less stray light
- For accent or decorative lighting in retail, commercial and domestic applications
- Less heat generation
- 100% dimmable
- Transformer free operation



Wattage Comparison		
60W	=	75W
80W	=	100W

HI-SPOT® 120 ECO

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT 120 ECO*									
0021181	Hi-SPOT 120 ECO 60W FL30°	60W	230V	30°	E27	2900K	2200 cd	2500 hrs	15
0021190	Hi-SPOT 120 ECO 60W FL30°	60W	240V	30°	E27	2900K	2200 cd	2500 hrs	15
0021182	Hi-SPOT 120 ECO 80W FL30°	80W	230V	30°	E27	2900K	3500 cd	2500 hrs	15
0021191	Hi-SPOT 120 ECO 80W FL30°	80W	240V	30°	E27	2900K	3500 cd	2500 hrs	15

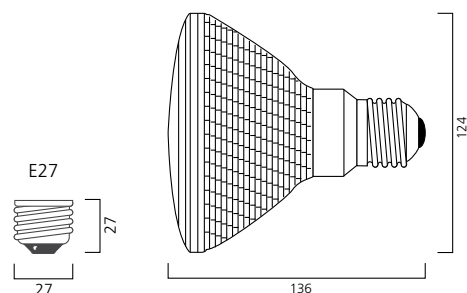
* To be available from September 2010



HI-SPOT® 120



- Halogen light without the need for a transformer
- Unique, patented, spiral faceted aluminised reflector
- 100% dimmable
- For use in mains voltage E27 cap downlights, spotlights and luminaires
- For accent or decorative lighting in retail, commercial and domestic applications
- Suitable for outdoor use when protected from direct contact with water



10°		75W	100W
175mmØ	1m	6900lx	10000lx
350mmØ	2m	1725lx	2500lx
525mmØ	3m	767lx	1111lx
700mmØ	4m	431lx	625lx

30°		75W	100W
536mmØ	1m	2200lx	3500lx
1072mmØ	2m	550lx	875lx
1608mmØ	3m	244lx	389lx
2144mmØ	4m	138lx	219lx

HI-SPOT® 120

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Average Rated Life	Packing Qty.
Hi-SPOT 120									
0021141	Hi-SPOT 120 75W FL30°	75W	230V	30°	E27	2900K	2200 cd	3000 hrs	15
0021144	Hi-SPOT 120 100W SP10°	100W	230V	10°	E27	2900K	10000 cd	3000 hrs	15
0021145	Hi-SPOT 120 100W FL30°	100W	230V	30°	E27	2900K	3500 cd	3000 hrs	15
0021142	Hi-SPOT 120 75W SP10°	75W	240V	10°	E27	2900K	6900 cd	3000 hrs	15
0021143	Hi-SPOT 120 75W FL30°	75W	240V	30°	E27	2900K	2200 cd	3000 hrs	15
0021146	Hi-SPOT 120 100W SP10°	100W	240V	10°	E27	2900K	10000 cd	3000 hrs	15
0021147	Hi-SPOT 120 100W FL30°	100W	240V	30°	E27	2900K	3500 cd	3000 hrs	15



LINEAR DOUBLE ENDED 78MM/118MM ECO



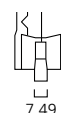
- Xenon technology
- 20% energy savings compared to standard halogen double ended lamps with same light output
- Sparkling light output
- Less CO₂ emissions
- Less heat generation.
- Transformer free operation
- Filament support method patented

R7s Double Ended 78

L 78
D 10

R7s Double Ended 118

L 118
D 8



7.49



Wattage Comparison

48W	=	60W
80W	=	100W
120W	=	150W
160W	=	200W
230W	=	300W
400W	=	500W

LINEAR DOUBLE ENDED ECO

Code	Description	Watt	Volt	Cap	Colour Temp	Luminous Flux	Average Rated Life	Packing Qty.
Linear Double Ended ECO 78MM								
0021529	DE ECO 78MM 230V 48W	48W	230V	R7s	2900K	750 lm	1000 hrs	10
0021530	DE ECO 78MM 240V 48W	48W	240V	R7s	2900K	750 lm	1000 hrs	10
0021531	DE ECO 78MM 230V 80W	80W	230V	R7s	2900K	1400 lm	1000 hrs	10
0021532	DE ECO 78MM 240V 80W	80W	240V	R7s	2900K	1400 lm	1000 hrs	10
0021533	DE ECO 78MM 230V 120W	120W	230V	R7s	2950K	2250 lm	1000 hrs	10
0021534	DE ECO 78MM 240V 120W	120W	240V	R7s	2950K	2250 lm	1000 hrs	10
Linear Double Ended ECO 118MM								
0021713	DE ECO 118MM 230V 120W	120W	230V	R7s	2950K	2250 lm	2000 hrs	10
0021714	DE ECO 118MM 240V 120W	120W	240V	R7s	2950K	2250 lm	2000 hrs	10
0021715	DE ECO 118MM 230V 160W	160W	230V	R7s	3000K	3100 lm	2000 hrs	10
0021716	DE ECO 118MM 240V 160W	160W	240V	R7s	3000K	3100 lm	2000 hrs	10
0021717	DE ECO 118MM 230V 230W	230W	230V	R7s	3000K	4800 lm	2000 hrs	10
0021718	DE ECO 118MM 240V 230W	230W	240V	R7s	3000K	4800 lm	2000 hrs	10
0021719	DE ECO 118MM 230V 400W	400W	230V	R7s	3000K	9000 lm	2000 hrs	10
0021720	DE ECO 118MM 240V 400W	400W	240V	R7s	3000K	9000 lm	2000 hrs	10

LINEAR DOUBLE ENDED 189MM/254MM/331MM



- Instant illumination
- Excellent colour rendering
- Suitable for outdoor floodlighting/security lighting
- Suitable for interior floodlighting, uplighting and wallwashing
- For use in luminaires with toughened front glass

R7s Double Ended 189

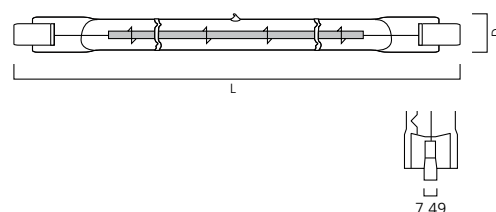
L 189
D 12

R7s Double Ended 254

L 254
D 12

R7s Double Ended 331

L 331
D 12



LINEAR DOUBLE ENDED

Code	Description	Watt	Volt	Cap	Colour Temp	Luminous Flux	Average Rated Life	Packing Qty.
Double Ended 189								
0021622	DE 189MM 230V 750W	750W	230V	R7s	3000K	15000 lm	2000 hrs	10
0021623	DE 189MM 240V 750W	750W	240V	R7s	3000K	15000 lm	2000 hrs	10
0021624	DE 189MM 230V 1000W	1000W	230V	R7s	3000K	22000 lm	2000 hrs	10
0021625	DE 189MM 240V 1000W	1000W	240V	R7s	3000K	22000 lm	2000 hrs	10
Double Ended 254								
0021626	DE 254MM 230V 1500W	1500W	230V	R7s	3000K	33000 lm	2000 hrs	10
0021628	DE 254MM 240V 1500W	1500W	240V	R7s	3000K	33000 lm	2000 hrs	10
Double Ended 331								
0021629	DE 331MM 230V 2000W	2000W	230V	R7s	3000K	44000 lm	2000 hrs	50

