

SYLVANIA

HI-SPOT ES50

A new era for halogen lighting



Small and transformer-free, it sets you free



Mini halogen, no transformer.

Mini halogen has always carried with it the burden of the transformer...until now. Introducing the new Hi-Spot ES50. A major innovation from Sylvania, the ES50 marks the start of a new era for halogen lighting.

AT LAST, MINIATURISATION STRAIGHT FROM THE MAINS.

It's the same diameter as a normal 12V MR16 lamp but, thanks to its revolutionary new 'W' filament, works straight from the mains *without* a transformer. Not only does this free you from the cost of installing transformers and circuitry, it also frees you from the constraints that they bring when it comes to designing original fixtures. Using the simple turn and lock GU10 socket - which is destined to become a European standard - the lamp is held securely without the need for springs or screws. And double fusing means safety is built-in to give you the freedom to design without compromise.

Sylvania. A source of inspiration.

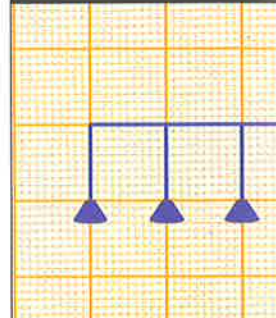
THE REVOLUTIONARY
'W' FILAMENT. ▼



THE TURN AND LOCK
GU10 CAP. ▼



HI-SPOT ES50



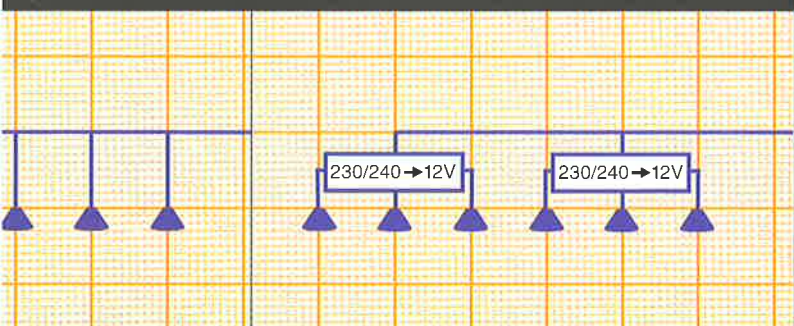


CHANGING AND INSTALLING LAMPS HAS NEVER BEEN EASIER THANKS TO THE TURN AND LOCK GU10 SOCKET. ◀ THE REVOLUTIONARY 'W' SHAPED FILAMENT MAKES THE TRANSFORMER A THING OF THE PAST. LAMPS CAN BE DIMMED WITHOUT THE NEED FOR SPECIALIST DIMMERS.

HI-SPOT ES50 - SAME DIAMETER AS 12V MR16. ▼



CIRCUIT. ▼ OLD 12V MR16 CIRCUIT. ▼

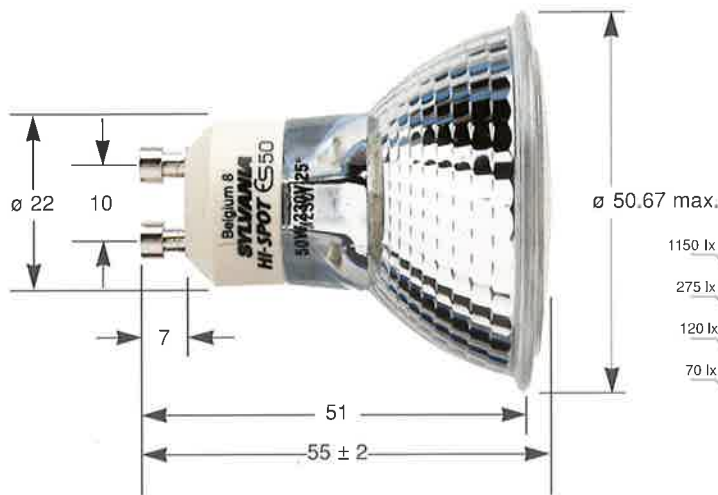


LESS IS MORE FOR FIXTURE DESIGN. BEFORE THE HI-SPOT ES50 GROUPS OF MINI HALOGEN LAMPS NEEDED ONE OR MORE TRANSFORMERS. THE HI-SPOT ES50 ALLOWS YOU TO USE AS MANY LAMPS ON A LINE AS YOU NEED... TRANSFORMER-FREE, THUS REDUCING THE COST OF OWNERSHIP WHILST FACILITATING GREATER AESTHETICS.

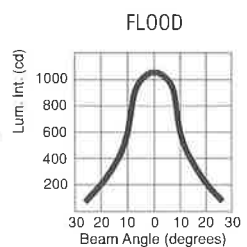
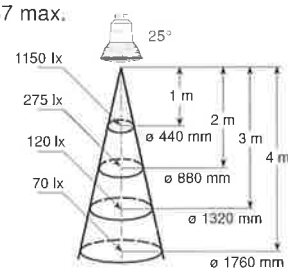


The Hi-Spot® ES50.

Product Description	Coating	Max (mm) Overall Length	Max (mm) Reflector Diameter	Cap	Average Life (h)	Max Light Intensity (cd)	Voltage (V)	Beam Angle (°)	Packing Description	Stand. Packing Quantity	Article no. (230/240V)
Hi-Spot ES 50	Aluminium	55±2	50.67	GU 10 SP	2000	1150	230/240	25°	bulk	100	21070/21073
Hi-Spot ES 50	Aluminium	55±2	50.67	GU 10 SP	2000	1150	230/240	25°	sleeve	15	21071/21074
Hi-Spot ES 50	Aluminium	55±2	50.67	GU 10 SP	2000	1150	230	25°	blister	10	21072



Burning Position	- any
Reflector	- Aluminium
Lens	- Clear
Max Base Temp.	- 250°C
Max Reflector Rim Temp.	- 240°C



The Hi-Spot® Range.

Hi-Spot 63



Product Description	Coating	Max (mm) Overall Length	Max (mm) Rim Diameter	Average Life (h)	Luminous Peak Intensity (cd)	Voltage (V)	Beam Angle (°)	Article no. (230/240V)
50W SP 10°	Aluminium	91	64.50	2500	3000	230/240	10°	21125/21127
50W FL 25°	Aluminium	91	64.50	2500	1000	230/240	25°	21126/21128

Hi-Spot 80



Product Description	Coating	Max (mm) Overall Length	Max (mm) Rim Diameter	Average Life (h)	Luminous Peak Intensity (cd)	Voltage (V)	Beam Angle (°)	Article no. (230/240V)
50W SP 10°	Aluminium	108	81	2500	4000	230/240	10°	21131/21161
50W FL 25°	Aluminium	108	81	2500	1100	230/240	25°	21132/21162
75W SP 10°	Aluminium	108	81	3000	5500	230/240	10°	21133/21163
75W FL 25°	Aluminium	108	81	3000	1300	230/240	25°	21134/21164

Hi-Spot 95



Product Description	Coating	Max (mm) Overall Length	Max (mm) Rim Diameter	Average Life (h)	Luminous Peak Intensity (cd)	Voltage (V)	Beam Angle (°)	Article no. (230/240V)
75W SP 10°	Dichroic	91	97.00	3000	7500	230/240	10°	21290/21292
75W FL 30°	Dichroic	91	97.00	3000	2400	230/240	30°	21291/21293
75W SP 10°	Aluminium	91	97.00	3000	6900	230/240	10°	21230/21232
75W FL 30°	Aluminium	91	97.00	3000	2200	230/240	30°	21231/21233
100W SP 10°	Aluminium	91	97.00	3000	10000	230/240	10°	21234/21236
100W FL 30°	Aluminium	91	97.00	3000	3500	230/240	30°	21235/21237

Hi-Spot 120



Product Description	Coating	Max (mm) Overall Length	Max (mm) Rim Diameter	Average Life (h)	Luminous Peak Intensity (cd)	Voltage (V)	Beam Angle (°)	Article no. (230/240V)
75W SP 10°	Aluminium	136	122.00	3000	6900	230/240	10°	21140/21142
75W FL 30°	Aluminium	136	122.00	3000	2200	230/240	30°	21141/21143
100W SP 10°	Aluminium	136	122.00	3000	10000	230/240	10°	21144/21146
100W FL 30°	Aluminium	136	122.00	3000	3500	230/240	30°	21145/21147

(Hi-Spot 63, 80, 95, 120 have E27 base and a typical colour temperature of 2900°K)