

High-voltage series

ENERGY
SAVER



HALOLINE® ES
pen light

OSRAM HALOPAR® ES
reflector light

HALOPIN® ES
pin-base lamp

Standard HALOLINE®		HALOLINE® ES
500 W	→	400 W ES
300 W	→	230 W ES

Standard HALOPAR®		OSRAM HALOPAR® ES
50 W	→	40 W ES

Standard HALOPIN®		HALOPIN® ES
40 W	→	33 W ES

–20%
ENERGY

Low-voltage series

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DECOSTAR® ES
dichroic reflector lamp

HALOSTAR® ES
pin-base lamp

HALOSPOT® 111 ES
reflector lamp

Standard DECOSTAR®		DECOSTAR® ES
35 W	→	20 W ES
50 W	→	35 W ES
65 W	→	50 W ES

Standard HALOSTAR®		HALOSTAR® ES
35 W	→	25 W ES
50 W	→	35 W ES
75 W	→	50 W ES
90 W	→	65 W ES

Standard HALOSPOT® 111		HALOSPOT® 111 ES
50 W	→	35 W ES
75 W	→	50 W ES
100 W	→	65 W ES

–30%
ENERGY

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- Up to 65% lower costs¹
- Product life of up to 5,000 h
- Attractive, beautiful halogen light
- Energy savings of up to 30%
- CO₂ savings of up to 100 kg/lamp
- No blackening of the bulb, i. e., constant brightness throughout the service life
- Dimmable
- No hazardous materials in the lamp, can therefore be disposed of in the household garbage

NEW!



Electronic control gear and lamps from OSRAM are ideally matched to one another to maximize service life. If OSRAM ES halogen lamps and OSRAM HALOTRONIC® ECGs are used together, OSRAM offers a one-year guarantee on ES halogen lamps and a five-year guarantee on the ECGs.

For more information on the system guarantee, and the terms and conditions of the guarantee, go to www.osram.com/systemguarantee.

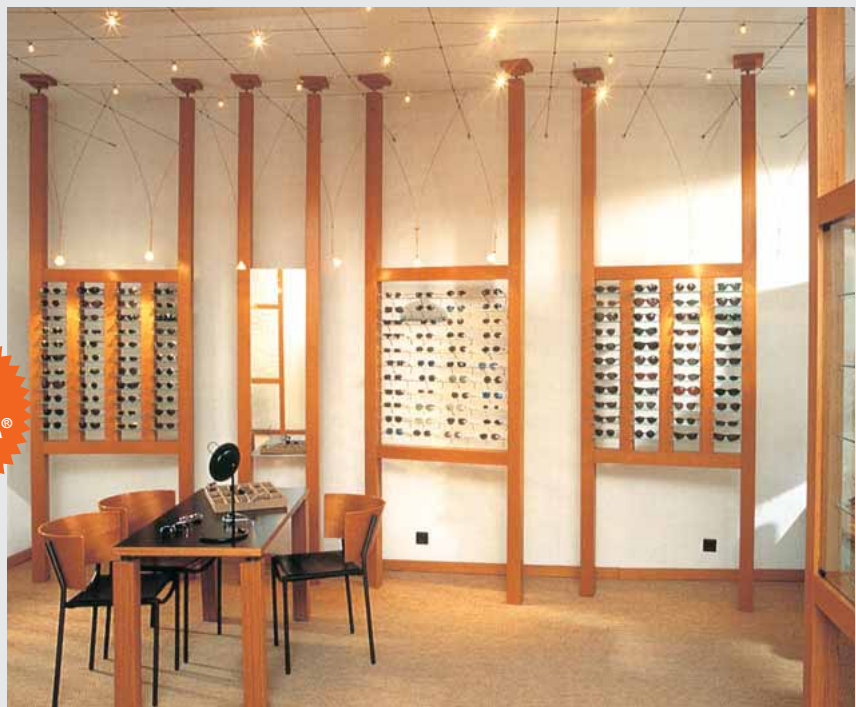
¹ Up to 65% savings compared to standard lamps (depending on electricity rate).
www.osram.com/irc

Unlimited possibilities for individual lighting design.

Precise performance and light.

"Starry sky," recessed luminaires for furniture, and chandeliers: HALOSTAR® lamps make open lamps without protective cover possible.

Plus, thanks to IRC technology, the HALOSTAR® ES uses considerably less energy with the same light output.



HALOSTAR®

- Approved for use in open luminaires to IEC 60598-1
- UV-FILTER
- Dimmable
- Color temperature 3,000 K

Applies to all OSRAM HALOSTAR®



ENERGY SAVER

HALOSTAR® ES Low-voltage pin-base lamp

- Up to 60 % cost savings, thanks to IRC technology¹
- Long average life of 4,000 h
- High luminous efficacy of up to 26 lm/W
- Significantly lower CO₂ emissions due to energy savings



HALOSTAR STARLITE® Low-voltage pin-base lamp

- Long average life of 4,000 h
- Axial filament for optimum directional light
- Special pins for corrosion protection



HALOSTAR® STANDARD Low-voltage pin-base lamp

- The low-cost solution for pin-base applications
- Average life of 2,000 h
- Clear or frosted

¹ Up to 60% savings compared to standard lamps (depending on electricity tariff).

TECHNICAL DATA



Product reference	Product number	W	V		cd			t [h]		
DECOSTAR® 51 ALU, Ø 51 mm, with aluminum-coated reflector, without DECO shield										
41861WFL	4050300428819	20	12	36	700	51	45	3000	GU5.3	20
41866WFL	4050300428833	35	12	36	1100	51	45	3000	GU5.3	20
41871WFL	4050300428857	50	12	36	1800	51	45	3000	GU5.3	20

Product reference	Product number	W	V		cd			t [h]		
DECOSTAR® 51 COOL BLUE® reflector lamp, Ø 51 mm										
46871WFL	4050300816661	50	12	36	1200	51	45	4000	GU5.3	20

Product reference	Product number		W	V	lm				t [h]		
HALOSTAR® ES low-voltage halogen pin-base lamp, Ø 12 mm											
64429ES	4050300987262		25	12	500	30	12	44	4000	GY6.35	40
64432ES	4050300615905		35	12	900	30	12	44	4000	GY6.35	40
64440ES	4050300615936		50	12	1250	30	12	44	4000	GY6.35	40
64447ES	4050300785400		65	12	1700	30	12	44	4000	GY6.35	40

Product reference	Product number	W	V	lm				t [h]		
HALOSTAR STARLITE® low-voltage halogen pin-base lamp, Ø 9.5 and 12 mm										
64405S ¹	4050300335032	5	12	60	22	9.5	33	4000	G4	40
64410S	4050300335131	10	6	110	22	9.5	33	4000	G4	40
64415S	4050300335087	10	12	130	22	9.5	33	4000	G4	40
64425S	4050300335162	20	12	320	22	9.5	33	4000	G4	40
64427S	4050300328171	20	12	320	30	12	44	4000	GY6.35	40
64432S	4050300017426	35	12	600	30	12	44	4000	GY6.35	40
64440S	4050300328201	50	12	910	30	12	44	4000	GY6.35	40
64450S	4050300490151	75	12	1450	30	12	44	4000	GY6.35	40
64458S	4050300490182	90	12	1800	30	12	44	4000	GY6.35	40

¹ Hard-glass lamp with transverse filament.

The Symbols in the tables.

Tungsten-halogen lamps

	Rated wattage in W
	Voltage in V
	Luminous flux in lumen
	Luminous intensity cd
	Base
	Fuse quick-acting
	Max. length l in mm
	Max. length l ₁ in mm
	Energy efficiency
	Diameter d in mm
	Max. diameter d in mm
	Beam angle in degrees
	Average period of use/life
	Light centre length in mm
	Standard pack/pcs.

Electronic control gear

	Shape/model
	Voltage in V
	Mains frequency Hz
	Operating frequency kHz
	Mains current at 230V/240V in amps
	Power factor
	Max. lamp wattage in W
	Power loss
	Part load range
	Secondary voltage
	Temperature range
	Dimming range
	Approval marks
	Length l in mm
	Width b in mm
	Height h in mm
	Weight

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