

Small light source for big effects.

HALOPIN® and DECOPIN®:

The revolution of the lightbulb.

With the invention of the halogen HALOPIN® with G9 base, OSRAM has reinvented the 100-year-old lightbulb in a new, compact shape. This light has launched the development of a new, modern generation of luminaires, especially at home. The advantages of halogen have also convinced the manufacturers of luminaires with a conventional design to choose G9 and HALOPIN® rather than E14/E27 bases. A standard has been established which all manufacturers of lamps and luminaires use throughout the world.

With its total length of only 43 mm (25 W/40 W) and 51 mm (60 W/75 W), respectively, HALOPIN® is very short, making a generation of filigree and simply structured halogen lamps possible: more economical and with a new freedom of design because no transformer has to be integrated into the construction. This opens up new perspectives for creative lighting solutions for light planners, architects, and luminaire designers.

OSRAM is continuing the trend towards miniaturization with DECOPIN® – the smallest and lightest halogen high-voltage reflector lamp in the world. This innovation makes additional attractive luminaire designs possible.

Thanks to its bulb pinch technology and integral safety fuse, HALOPIN® and DECOPIN® satisfy the strict safety requirements of IEC 60432-2 because they safely and reliably shut down at the end of their lives. They can also be used in unshielded luminaires (in accordance with IEC 60598-1).

Applies to all
OSRAM
HALOPIN® and
DECOPIN®

HALOPIN® and DECOPIN®

- Sturdy coil design, thanks to the innovative, unique bulb pinch technology
- Complies with the safety requirements of IEC 60432-2: the lamp shuts down reliably and safely
- Approved for use in open luminaires to IEC 50598-1
- No transformer required
- Simple handling, thanks to the standardized G9 base
- Color temperature approx. 2800 K
- Average life of 2000 h
- Dimmable
- Extremely compact dimensions

ENERGY
SAVER

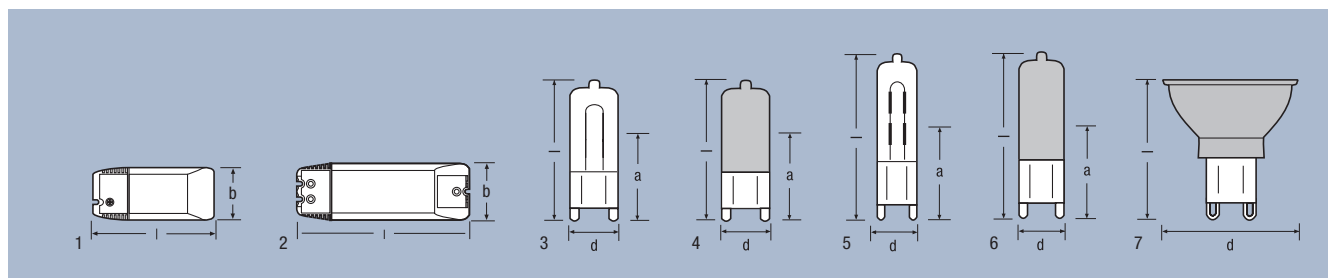
HALOPIN® ENERGY SAVER

- Energy savings of up to 20 %
- Available in 33 W, clear

HALOPIN®

- Available in 25 W, 40 W, 60 W and 75 W
- Clear and frosted

TECHNICAL DATA



Product reference	Product number		V	Hz		A				
HALOTRONIC MOUSE® family										
HTM 70/230-240 ¹	4050300 442310	compact	230 – 10 %/240 + 6 %	50/60	approx.48	0.27	0.95	70	max. 4	
HTM 105/230-240 ¹	4050300 442334	compact	230 – 10 %/240 + 6 %	50/60	approx.40	0.42	0.95	105	max. 6	
HTM 150/230-240 ²	4050300 581415	compact	230 – 10 %/240 + 6 %	50/60	approx.35	0.57	0.95	150	max. 7	
										
HTM 70/230-240 ¹	4050300 442310	20–70	11.2 (70 W)/11.2 (20 W)	0 to +50	trailing-edge phase dimmer or leading-edge phase dimmer ³					
HTM 105/230-240 ¹	4050300 442334	35–105	11.3 (105 W)/11.4 (35 W)	0 to +45	trailing-edge phase dimmer or leading-edge phase dimmer ³					
HTM 150/230-240 ²	4050300 581415	50–150	11.4 (150 W)/11.5 (50 W)	0 to +45	trailing-edge phase dimmer or leading-edge phase dimmer ³					
										
HTM 70/230-240 ¹	4050300 442310					108	52	33	110	1
HTM 105/230-240 ¹	4050300 442334					108	52	33	120	2
HTM 150/230-240 ²	4050300 581415					153	54	36	200	2

¹ Installation comfort for HTM 70 and 105.

² Simple installation of HTM 150: two terminal pairs on primary side for looping from unit to unit, three terminal pairs on the secondary side for connecting up to six luminaires.

³ For inductive charges.

¹ Installation comfort for HTM 70 and 105.

² Simple installation of HTM 150: two terminal pairs on primary side for looping from unit to unit, three terminal pairs on the secondary side for connecting up to six luminaires.

³ For inductive charges.

ENERGY SAVER

Product reference	Product number	W	lm				t [h]			No.	
HALOPIN® ENERGY SAVER											
66733	4008321 208668	33	460	22	14	43	2000	G9	20	3	D

Product reference	Product number	W	lm				t [h]			No.	
HALOPIN® halogen lamps for mains voltage, G9 base, Ø 43 and 51 mm											
clear											
66725	4050300 791777	25	260	22	14	43	2000	G9	20	3	D
66740	4050300 791791	40	490	22	14	43	2000	G9	20	3	D
66660	4050300 198286	60	820	26.5	14	51	2000	G9	20	5	D
66675	4050300 198323	75	1100	26.5	14	51	2000	G9	20	5	D
frosted											
66725 AM	4050300 791920	25	230	22	14	43	2000	G9	20	4	E
66740 AM	4050300 791753	40	460	22	14	43	2000	G9	20	4	E
66660 AM	4050300 198309	60	790	26.5	14	51	2000	G9	20	6	D
66675 AM	4050300 198347	75	1050	26.5	14	51	2000	G9	20	6	D

Product reference	Product number	W		cd			t [h]			No.
DECOPIN® halogen reflector light for mains voltage G9 base, Ø 43 mm										
60040 FL	4008321 907189	40	40	550	41.5	43	2000	G9	20	7