

HALOPIN ECO

Halogen lamps with G9 base



Areas of application

- General illumination
- Workplace lighting
- Lighting for reading
- Dining table lighting
- Mirror lighting
- Accent lighting
- Mood lighting

Product benefits

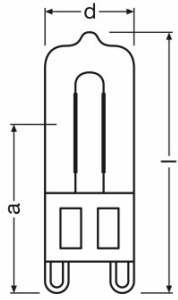
- Brilliant ECO accent lighting
- Incredibly small dimensions for revolutionary new luminaire designs
- Robust filament design thanks to innovative, unique bulb pinch technology
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Complies with IEC 60432-2 thanks to integrated fuse function
- Lower thermal output (compared with the standard reference product)

Product features

- Average life: 2,000 h
- Dimmable
- Color rendering index R_a : 100



Product family datasheet



Product line drawing

Product family datasheet

Technical data

Product description	Nominal wattage	Nominal voltage	Nominal luminous flux	Base (standard designation)	Diameter	Light center length (LCL)
HALOPIN ECO 20 W 230 V G9	20 W	230 V	235 lm	G9	14.0 mm	22.0 mm
HALOPIN ECO 20 W 240 V G9	20 W	240 V	235 lm	G9	14.0 mm	22.0 mm
HALOPIN ECO 33 W 230 V G9	33 W	230 V	460 lm	G9	14.0 mm	22.0 mm
HALOPIN ECO 33 W 240 V G9	33 W	240 V	460 lm	G9	14.0 mm	22.0 mm
HALOPIN ECO 48 W 230 V G9	48 W	230 V	740 lm	G9	14.0 mm	22.0 mm
HALOPIN ECO 48 W 230 V G9	48 W	240 V	740 lm	G9	14.0 mm	22.0 mm
HALOPIN ECO 60 W 230 V G9	60 W	230 V	980 lm	G9	14.0 mm	22.0 mm
HALOPIN ECO 60 W 240 V G9	60 W	240 V	980 lm	G9	14.0 mm	22.0 mm

Product description	Color temperature	Overall length	Burning position	Rated luminous flux	Rated wattage	Claimed equiv. conventional lamp power
HALOPIN ECO 20 W 230 V G9	2700 K	43.0 mm	Any	235 lm	20.00 W	25 W
HALOPIN ECO 20 W 240 V G9	2700 K	43.0 mm	Any	235 lm	20.00 W	25 W
HALOPIN ECO 33 W 230 V G9	2700 K	43.0 mm	Any		33.00 W	40 W
HALOPIN ECO 33 W 240 V G9	2700 K	43.0 mm	Any	460 lm	33.00 W	40 W
HALOPIN ECO 48 W 230 V G9	2800 K	43.0 mm	Any	740 lm	48.00 W	60 W
HALOPIN ECO 48 W 230 V G9	2800 K	46.0 mm	Any	740 lm	48.00 W	60 W
HALOPIN ECO 60 W 230 V G9	2800 K	46.0 mm	Any	980 lm	60.00 W	75 W
HALOPIN ECO 60 W 240 V G9	2800 K	46.0 mm	Any	980 lm	60.00 W	75 W

Product family datasheet

Product description	Nominal lamp life time	Rated lamp life time	Color rendering index Ra	Starting time	Warm-up time (60 %)	Number of switching cycles
HALOPIN ECO 20 W 230 V G9	2000 h	2000 h	100	0.0 s	0.00 s	50000 ¹⁾
HALOPIN ECO 20 W 240 V G9	2000 h	2000 h	100	0.0 s	0.00 s	50000 ¹⁾
HALOPIN ECO 33 W 230 V G9	2000 h	2000 h	100	0.0 s		50000 ¹⁾
HALOPIN ECO 33 W 240 V G9	2000 h	2000 h	100	0.0 s	0.00 s	50000 ¹⁾
HALOPIN ECO 48 W 230 V G9	2000 h	2000 h	100	0.0 s	0.00 s	50000 ¹⁾
HALOPIN ECO 48 W 230 V G9	2000 h	2000 h	100	0.0 s	0.00 s	50000 ¹⁾
HALOPIN ECO 60 W 230 V G9	2000 h	2000 h	100	0.0 s	0.00 s	50000 ¹⁾
HALOPIN ECO 60 W 240 V G9	2000 h	2000 h	100	0.0 s	0.00 s	50000 ¹⁾

Product description	Lamp mercury content	Power factor λ	Dimmable	Energy efficiency class	ILCOS	Lumen main.fact.at end of nom.life time
HALOPIN ECO 20 W 230 V G9	0.0 mg	1.00	Yes	D	HSGST/C/UB-20-230-G9-22	0.80
HALOPIN ECO 20 W 240 V G9	0.0 mg	1.00	Yes	D	HSGST/C/UB-20-240-G9-22	0.80
HALOPIN ECO 33 W 230 V G9	0.0 mg		Yes	D	HSGST/C/UB-33-230-G9-22	
HALOPIN ECO 33 W 240 V G9	0.0 mg	1.00	Yes	D	HSGST/C/UB-33-240-G9-22	0.80
HALOPIN ECO 48 W 230 V G9	0.0 mg	1.00	Yes	D	HSGST/C/UB-48-230-G9-22	0.80
HALOPIN ECO 48 W 230 V G9	0.0 mg	1.00	Yes	D	HSGST/C/UB-48-240-G9-22	0.80
HALOPIN ECO 60 W 230 V G9	0.0 mg	1.00	Yes	D	HSGST/C/UB-60-230-G9-22	0.80
HALOPIN ECO 60 W 240 V G9	0.0 mg	1.00	Yes	D	HSGST/C/UB-60-240-G9-22	0.80

Product family datasheet

Product description	Mercury-free
HALOPIN ECO 20 W 230 V G9	Yes
HALOPIN ECO 20 W 240 V G9	Yes
HALOPIN ECO 33 W 230 V G9	Yes
HALOPIN ECO 33 W 240 V G9	Yes
HALOPIN ECO 48 W 230 V G9	Yes
HALOPIN ECO 48 W 230 V G9	Yes
HALOPIN ECO 60 W 230 V G9	Yes
HALOPIN ECO 60 W 240 V G9	Yes

Product family datasheet

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.