

PRODUCT FAMILY DATASHEET

HALOPIN PRO

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 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)
- The lamp shuts down reliably
- Contains no mercury

PRODUCT FEATURES

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

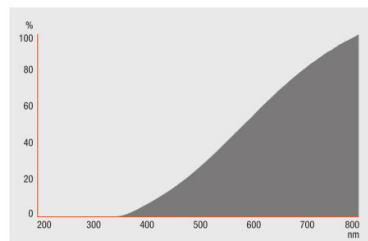
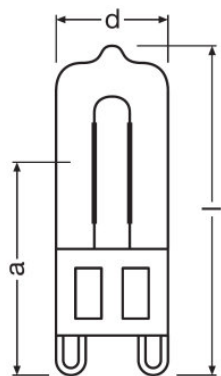
TECHNICAL DATA

Product description	Electrical data				Photometrical data					Light technical data	
	Nominal wattage	Nominal voltage	Rated wattage	Power factor λ	Nominal luminous flux	Color temperature	Rated luminous flux	Color rendering index Ra	Lumen main.fact.at end of nom.life time	Starting time	Warm-up time (60 %)
HALOPIN PRO 20 W 230 V G9	20.00 W	230.0 V	20.00 W	1.00	235 lm	2700 K	235 lm	100	0.80	0.0 s	0.00 s
HALOPIN PRO 20 W 240 V G9	20.00 W	240.0 V	20.00 W	1.00	235 lm	2700 K	235 lm	100	0.80	0.0 s	0.00 s
HALOPIN PRO 33 W 230 V G9	33.00 W	230.0 V	33.00 W		460 lm	2700 K	460 lm	100		0.0 s	
HALOPIN PRO 33 W 240 V G9	33.00 W	240 V	33.00 W	1.00	460 lm	2700 K	460 lm	100	0.80	0.0 s	
HALOPIN PRO 48 W 230 V G9	48.00 W	230 V	48.00 W		740 lm	2800 K	740 lm	100		0.0 s	
HALOPIN PRO 48 W 230 V G9	48.00 W	240 V	48.00 W	1.00	740 lm	2800 K	740 lm	100	0.80	0.0 s	0.00 s
HALOPIN PRO 60 W 230 V G9	60.00 W	230 V	60.00 W	1.00	980 lm	2800 K	980 lm	100	0.80	0.0 s	0.00 s
HALOPIN PRO 60 W 240 V G9	60.00 W	240 V	60.00 W	1.00	980 lm	2800 K	980 lm	100	0.80	0.0 s	0.00 s

Product description	Dimensions & weight			Lifespan			Additional product data			Capabilities
	Diameter	Light center length (LCL)	Overall length	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Base (standard designation)	Mercury content	Mercury-free	Burning position
HALOPIN PRO 20 W 230 V G9	14.0 mm	22.0 mm	43.0 mm	2000 h	2000 h	50000	G9	0.0 mg	Yes	Any
HALOPIN PRO 20 W 240 V G9	14.0 mm	22.0 mm	43.0 mm	2000 h	2000 h	50000	G9	0.0 mg	Yes	Any
HALOPIN PRO 33 W 230 V G9	14.0 mm	22.0 mm	43.0 mm	2000 h	2000 h	50000	G9	0.0 mg	Yes	Any
HALOPIN PRO 33 W 240 V G9	14.0 mm	22.0 mm	43.0 mm	2000 h	2000 h	50000	G9	0.0 mg	Yes	Any
HALOPIN PRO 48 W 230 V G9	14.0 mm	22.0 mm	46.1 mm	2000 h	2000 h	50000	G9	0.0 mg	Yes	Any
HALOPIN PRO 48 W 230 V G9	14.0 mm	22.0 mm	46.0 mm	2000 h	2000 h	50000	G9	0.0 mg	Yes	Any
HALOPIN PRO 60 W 230 V G9	14.0 mm	22.0 mm	46.0 mm	2000 h	2000 h	50000	G9	0.0 mg	Yes	Any
HALOPIN PRO 60 W 240 V G9	14.0 mm	22.0 mm	46.0 mm	2000 h	2000 h	50000	G9	0.0 mg	Yes	Any

Product description	Dimmable	Certificates & standards		Country specific categorizations
		Energy efficiency class	Energy consumption	ILCOS
HALOPIN PRO 20 W 230 V G9	Yes	D	20 kWh/1000h	HSGST/C/UB-20-230-G9-22

Product description	Dimmable	Certificates & standards		Country specific categorizations
		Energy efficiency class	Energy consumption	ILCOS
HALOPIN PRO 20 W 240 V G9	Yes	D	20 kWh/1000h	HSGST/C/UB-20-240-G9-22
HALOPIN PRO 33 W 230 V G9	Yes	D	33 kWh/1000h	HSGST/C/UB-33-230-G9-22
HALOPIN PRO 33 W 240 V G9	Yes	D	33 kWh/1000h	HSGST/C/UB-33-240-G9-22
HALOPIN PRO 48 W 230 V G9	Yes	D	48 kWh/1000h	HSGST/C/UB-48-230-G9-22
HALOPIN PRO 48 W 230 V G9	Yes	D	48 kWh/1000h	HSGST/C/UB-48-240-G9-22
HALOPIN PRO 60 W 230 V G9	Yes	D	60 kWh/1000h	HSGST/C/UB-60-230-G9-22
HALOPIN PRO 60 W 240 V G9	Yes	D	60 kWh/1000h	HSGST/C/UB-60-240-G9-22



HALOPIN PRO 20 W 230 V G9, HALOPIN PRO 20 W 240 V G9, HALOPIN PRO 33 W 230 V G9, HALOPIN PRO 33 W 240 V G9, HALOPIN PRO 48 W 230 V G9, HALOPIN PRO 48 W 230 V G9, HALOPIN PRO 60 W 230 V G9, HALOPIN PRO 60 W 240 V G9

HALOPIN PRO 20 W 230 V G9, HALOPIN PRO 20 W 240 V G9, HALOPIN PRO 33 W 230 V G9, HALOPIN PRO 33 W 240 V G9, HALOPIN PRO 48 W 230 V G9, HALOPIN PRO 48 W 230 V G9, HALOPIN PRO 60 W 230 V G9, HALOPIN PRO 60 W 240 V G9

APPLICATION ADVICE

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

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321945273	HALOPIN PRO 20 W 230 V G9	Shipping carton box 20	144 mm x 55 mm x 118 mm	0.93 dm ³	126.00 g
4008321945273	HALOPIN PRO 20 W 230 V G9	Shipping carton box 200	485 mm x 137 mm x 154 mm	10.23 dm ³	954.00 g
4008321945556	HALOPIN PRO 20 W 240 V G9	Shipping carton box 20	144 mm x 55 mm x 118 mm	0.93 dm ³	141.80 g
4008321208668	HALOPIN PRO 33 W 230 V G9	Shipping carton box 20	144 mm x 64 mm x 118 mm	1.09 dm ³	136.00 g
4008321208668	HALOPIN PRO 33 W 230 V G9	Shipping carton box 200	485 mm x 137 mm x 154 mm	10.23 dm ³	954.00 g
4008321226341	HALOPIN PRO 33 W 240 V G9	Shipping carton box 20	144 mm x 70 mm x 106 mm	1.07 dm ³	128.00 g
4008321945334	HALOPIN PRO 48 W 230 V G9	Shipping carton box 20	144 mm x 55 mm x 118 mm	0.93 dm ³	132.00 g
4008321945617	HALOPIN PRO 48 W 230 V G9	Shipping carton box 20	144 mm x 55 mm x 118 mm	0.93 dm ³	145.33 g
4008321945372	HALOPIN PRO 60 W 230 V G9	Shipping carton box 20	144 mm x 55 mm x 118 mm	0.93 dm ³	132.00 g
4008321945655	HALOPIN PRO 60 W 240 V G9	Shipping carton box 20	144 mm x 55 mm x 118 mm	0.93 dm ³	132.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

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