
HALOGEN PRO CLASSIC P

Halogen lamps, classic mini-ball shape



Areas of application

- General illumination
- Mood lighting
- Entrance lighting
- Mirror lighting

Product benefits

- Simple direct replacement for conventional incandescent lamps
- The same pleasant quality of light as that of an incandescent lamp
- Instant 100 % light, no warm-up time
- Contains no mercury
- UV filter

Product features

- Average life: 2,000 h
- 100 % dimmable
- Perfect color rendering ($R_a: 100$)

Product family datasheet

Technical data

Product description	Electrical data						Photometrical data		
	Nominal wattage	Nominal voltage	Rated luminous flux	Rated wattage	Claimed equiv. conventional lamp power	Power factor λ	Nominal luminous flux	Color temperature	Color rendering index Ra
HAL PRO CL P 20 W 230 V E14	20.0 W	230 V	235 lm	20.00 W	25 W	1.00	235 lm	2700 K	100
HAL PRO CL P 20 W 230 V E27	20.0 W	230 V	235 lm	20.00 W	25 W	1.00	235 lm	2700 K	100
HAL PRO CL P 30 W 230 V E14	30.0 W	230 V	405 lm	30.00 W	40 W	1.00	405 lm	2700 K	100
HAL PRO CL P 30 W 230 V E27	30.0 W	230 V	405 lm	30.00 W	40 W	1.00	405 lm	2700 K	100
HAL PRO CL P 46 W 230 V E14	46.0 W	230 V	700 lm	46.00 W	60 W	1.00	700 lm	2700 K	100
HAL PRO CL P 46 W 230 V E27	46.0 W	230 V	700 lm	46.00 W	60 W	1.00	700 lm	2700 K	100

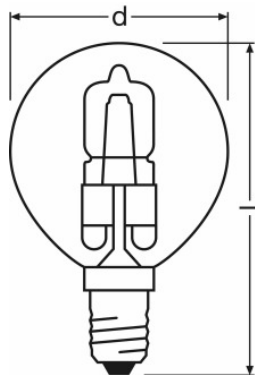
Product description	Light technical data		Dimensions & weight			Lifespan				Additional product data
	Starting time	Warm-up time (60 %)	Diameter	Overall length	Light center length (LCL)	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen main. fact. at end of nom. life time	Base (standard designation)
HAL PRO CL P 20 W 230 V E14	0.0 s	0.00 s	45.0 mm	77.0 mm	60.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	E14
HAL PRO CL P 20 W 230 V E27	0.0 s	0.00 s	45.0 mm	74.0 mm	60.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	E27
HAL PRO CL P 30 W 230 V E14	0.0 s	0.00 s	45.0 mm	77.0 mm	60.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	E14
HAL PRO CL P 30 W 230 V E27	0.0 s	0.00 s	45.0 mm	74.0 mm	60.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	E27
HAL PRO CL P 46 W 230 V E14	0.0 s	0.00 s	45.0 mm	77.0 mm	60.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	E14
HAL PRO CL P 46 W 230 V E27	0.0 s	0.00 s	45.0 mm	74.0 mm	60.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	E27

Product description	Capabilities		Certificates & standards		Country specific categorizations		
	Lamp mercury content	Mercury-free	Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HAL PRO CL P 20 W 230 V E14	0.0 mg	Yes	Any	Yes	D	20 kWh/1000h	HSGSP/C/UB-20-230-E14-60

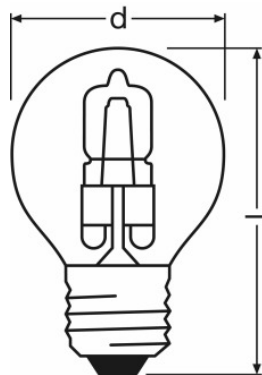
Product family datasheet

Product description	Lamp mercury content	Mercury-free	Capabilities		Certificates & standards		Country specific categorizations
			Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HAL PRO CL P 20 W 230 V E27	0.0 mg	Yes	Any	Yes	D	20 kWh/1000h	HSGSP/C/UB-20-230-E27-60
HAL PRO CL P 30 W 230 V E14	0.0 mg	Yes	Any	Yes	D	30 kWh/1000h	HSGSP/C/UB-30-230-E14-60
HAL PRO CL P 30 W 230 V E27	0.0 mg	Yes	Any	Yes	D	30 kWh/1000h	HSGSP/C/UB-30-230-E27-60
HAL PRO CL P 46 W 230 V E14	0.0 mg	Yes	Any	Yes	D	46 kWh/1000h	HSGSP/C/UB-46-230-E14-60
HAL PRO CL P 46 W 230 V E27	0.0 mg	Yes	Any	Yes	D	46 kWh/1000h	HSGSP/C/UB-46-230-E27-60

1) At 1 min on / 3 min off



HAL PRO CL P 20 W 230 V E14, HAL PRO CL P 30 W 230 V E14, HAL PRO CL P 46 W 230 V E14



HAL PRO CL P 20 W 230 V E27, HAL PRO CL P 30 W 230 V E27, HAL PRO CL P 46 W 230 V E27

Product family datasheet

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
4008321998224	HAL PRO CL P 20 W 230 V E14	Shipping carton box 20	235 mm x 85 mm x 193 mm	3.86 dm ³	562.00 g
4008321998248	HAL PRO CL P 20 W 230 V E27	Shipping carton box 20	235 mm x 85 mm x 193 mm	3.86 dm ³	590.00 g
4008321998262	HAL PRO CL P 30 W 230 V E14	Shipping carton box 20	235 mm x 85 mm x 193 mm	3.86 dm ³	562.00 g
4008321998286	HAL PRO CL P 30 W 230 V E27	Shipping carton box 20	235 mm x 85 mm x 193 mm	3.86 dm ³	590.00 g
4008321998309	HAL PRO CL P 46 W 230 V E14	Shipping carton box 20	235 mm x 85 mm x 193 mm	3.86 dm ³	562.00 g
4008321998323	HAL PRO CL P 46 W 230 V E27	Shipping carton box 20	235 mm x 85 mm x 193 mm	3.86 dm ³	590.00 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.