
HALOGEN PRO CLASSIC A

Halogen lamps, classic bulb shape



Areas of application

- General illumination
- Mood lighting
- Entrance lighting
- Restaurants, hotels and similar prestigious applications

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

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

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 A 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 A 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 A 30 W 240 V B22D	30.0 W	240 V	405 lm	30.00 W	40 W	1.00	405 lm	2700 K	100
HAL CL A 42 W 240 V B22D	42.0 W	240 V	630 lm	42.00 W	55 W	1.00	630 lm	2700 K	100
HAL PRO CL A 46 W 230 V E27	46.0 W	230 V	700 lm	46.00 W	60 W	1.00	700 lm	2700 K	100
HAL PRO CL A 46 W 240 V B22D	46.0 W	240 V	700 lm	46.00 W	60 W	1.00	700 lm	2700 K	100
HAL PRO CL A 57 W 230 V E27	57.0 W	230 V	915 lm	57.00 W	75 W	1.00	915 lm	2800 K	100
HAL PRO CL A 57 W 240 V B22D	57.0 W	240 V	915 lm	57.00 W	75 W	1.00	915 lm	2800 K	100
HAL CL A 70 W 240 V B22D	70.0 W	240 V	1200 lm	70.00 W	92 W	1.00	1200 lm	2800 K	100
HAL PRO CL A 77 W 230 V E27	77.0 W	230 V	1320 lm	77.00 W	100 W	1.00	1320 lm	2800 K	100
HAL PRO CL A 77 W 240 V E27	77.0 W	240 V	1320 lm	77.00 W	100 W	1.00	1320 lm	2800 K	100
HAL PRO CL A 77 W 240 V B22D	77.0 W	240 V	1320 lm	77.00 W	100 W	1.00	1320 lm	2800 K	100
HAL PRO CL A 116 W 230 V E27	116 W	230 V	2135 lm	116.00 W	150 W	1.00	2135 lm	2800 K	100
HAL PRO CL A 116 W 240 V B22D	116 W	240 V	2135 lm	116.00 W	150 W	1.00	2135 lm	2800 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 A 20 W 230 V E27	0.0 s	0.00 s	55.0 mm	97.0 mm	73.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	E27
HAL PRO CL A 30 W 230 V E27	0.0 s	0.00 s	55.0 mm	97.0 mm	73.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	E27
HAL PRO CL A 30 W 240 V B22D	0.0 s	0.00 s	55.0 mm	96.0 mm	73.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	B22d

Product family datasheet

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 CL A 42 W 240 V B22D	0.0 s	0.00 s	55.0 mm	96.0 mm	73.0 mm	1000 h	1000 h	25000 ¹⁾	0.80	B22d
HAL PRO CL A 46 W 230 V E27	0.0 s	0.00 s	55.0 mm	97.0 mm	73.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	E27
HAL PRO CL A 46 W 240 V B22D	0.0 s	0.00 s	55.0 mm	96.0 mm	73.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	B22d
HAL PRO CL A 57 W 230 V E27	0.0 s	0.00 s	55.0 mm	97.0 mm	73.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	E27
HAL PRO CL A 57 W 240 V B22D	0.0 s	0.00 s	55.0 mm	96.0 mm	73.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	B22d
HAL CL A 70 W 240 V B22D	0.0 s	0.00 s	55.0 mm	96.0 mm	73.0 mm	1000 h	1000 h	25000 ¹⁾	0.80	B22d
HAL PRO CL A 77 W 230 V E27	0.0 s	0.00 s	55.0 mm	97.0 mm	73.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	E27
HAL PRO CL A 77 W 240 V E27	0.0 s	0.00 s	55.0 mm	97.0 mm	73.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	E27
HAL PRO CL A 77 W 240 V B22D	0.0 s	0.00 s	55.0 mm	96.0 mm	73.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	B22d
HAL PRO CL A 116 W 230 V E27	0.0 s	0.00 s	55.0 mm	97.0 mm	73.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	E27
HAL PRO CL A 116 W 240 V B22D	0.0 s	0.00 s	55.0 mm	96.0 mm	73.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	B22d

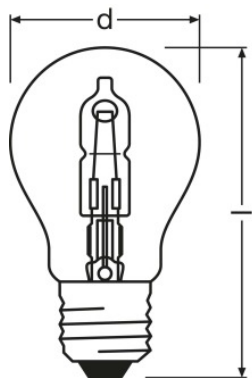
Product description	Lamp mercury content	Mercury-free	Capabilities		Certificates & standards		Country specific categorizations
			Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HAL PRO CL A 20 W 230 V E27	0.0 mg	Yes	Any	Yes	D	20 kWh/1000h	HSGSA/C/UB-20-230-E27-73
HAL PRO CL A 30 W 230 V E27	0.0 mg	Yes	Any	Yes	D	30 kWh/1000h	HSGSA/C/UB-30-230-E27-73
HAL PRO CL A 30 W 240 V B22D	0.0 mg	Yes	Any	Yes	D	30 kWh/1000h	HSGSA/C/UB-30-240-B22D-73
HAL CL A 42 W 240 V B22D	0.0 mg	Yes	Any	Yes			HSGSA/C/UB-42-240-B22D-73
HAL PRO CL A 46 W 230 V E27	0.0 mg	Yes	Any	Yes	D	46 kWh/1000h	HSGSA/C/UB-46-230-E27-73
HAL PRO CL A 46 W 240 V B22D	0.0 mg	Yes	Any	Yes	D	46 kWh/1000h	HSGSA/C/UB-46-240-B22D-73
HAL PRO CL A 57 W 230 V E27	0.0 mg	Yes	Any	Yes	D	57 kWh/1000h	HSGSA/C/UB-57-230-E27-73
HAL PRO CL A 57 W 240 V B22D	0.0 mg	Yes	Any	Yes	D	57 kWh/1000h	HSGSA/C/UB-57-240-B22D-73
HAL CL A 70 W 240 V B22D	0.0 mg	Yes	Any	Yes			HSGSA/C/UB-70-240-B22D-73

Product family datasheet

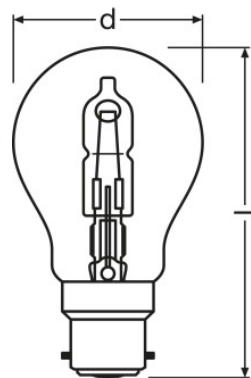
Product description	Lamp mercury content	Mercury-free	Capabilities		Certificates & standards		Country specific categorizations
			Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HAL PRO CL A 77 W 230 V E27	0.0 mg	Yes	Any	Yes	D	77 kWh/1000h	HSGSA/C/UB-77-230-E27-73
HAL PRO CL A 77 W 240 V E27	0.0 mg	Yes	Any	Yes	D	77 kWh/1000h	HSGSA/C/UB-77-240-E27-73
HAL PRO CL A 77 W 240 V B22D	0.0 mg	Yes	Any	Yes	D	77 kWh/1000h	HSGSA/C/UB-77-240-B22D-73
HAL PRO CL A 116 W 230 V E27	0.0 mg	Yes	Any	Yes	D	116 kWh/1000h	HSGSA/C/UB-116-230-E27-73
HAL PRO CL A 116 W 240 V B22D	0.0 mg	Yes	Any	Yes	D	116 kWh/1000h	HSGSA/C/UB-116-240-B22D-73

¹⁾ At 1 min on / 3 min off

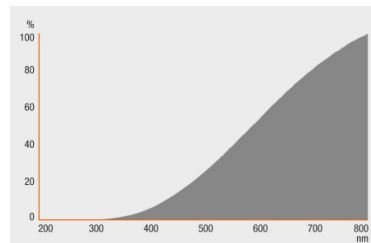
Product family datasheet



HAL PRO CL A 20 W 230 V E27, HAL PRO CL A 30 W 230 V E27, HAL PRO CL A 46 W 230 V E27, HAL PRO CL A 57 W 230 V E27, HAL PRO CL A 77 W 230 V E27, HAL PRO CL A 77 W 240 V E27, HAL PRO CL A 116 W 230 V E27



HAL PRO CL A 30 W 240 V B22D, HAL PRO CL A 46 W 240 V B22D, HAL PRO CL A 57 W 240 V B22D, HAL PRO CL A 77 W 240 V B22D, HAL PRO CL A 116 W 240 V B22D



HAL PRO CL A 20 W 230 V E27, HAL PRO CL A 30 W 230 V E27, HAL PRO CL A 30 W 240 V B22D, HAL PRO CL A 46 W 230 V E27, HAL PRO CL A 46 W 240 V B22D, HAL PRO CL A 57 W 230 V E27, HAL PRO CL A 57 W 240 V B22D, HAL PRO CL A 77 W 230 V E27, HAL PRO CL A 77 W 240 V E27, HAL PRO CL A 77 W 240 V B22D, HAL PRO CL A 116 W 230 V E27, HAL PRO CL A 116 W 240 V B22D

Application advice

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

Product family datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321998026	HAL PRO CL A 20 W 230 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm ³	794.00 g
4008321998040	HAL PRO CL A 30 W 230 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm ³	794.00 g
4008321998606	HAL PRO CL A 30 W 240 V B22D	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm ³	910.00 g
4052899204102	HAL CL A 42 W 240 V B22D	Shipping carton box 50	291 mm x 291 mm x 203 mm	17.19 dm ³	2188.00 g
4052899204225	HAL CL A 42 W 240 V B22D	Shipping carton box 40	286 mm x 190 mm x 203 mm	11.03 dm ³	1613.00 g
4008321998064	HAL PRO CL A 46 W 230 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm ³	794.00 g
4008321998644	HAL PRO CL A 46 W 240 V B22D	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm ³	910.00 g
4008321998088	HAL PRO CL A 57 W 230 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm ³	794.00 g
4008321998682	HAL PRO CL A 57 W 240 V B22D	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm ³	910.00 g
4052899204164	HAL CL A 70 W 240 V B22D	Shipping carton box 50	291 mm x 291 mm x 203 mm	17.19 dm ³	2183.00 g
4008321998101	HAL PRO CL A 77 W 230 V E27	Shipping carton box 20	286 mm x 234 mm x 105 mm	7.03 dm ³	794.00 g
4008321998705	HAL PRO CL A 77 W 240 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm ³	794.00 g
4008321998729	HAL PRO CL A 77 W 240 V B22D	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm ³	910.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321998125	HAL PRO CL A 116 W 230 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm ³	814.00 g
4008321998767	HAL PRO CL A 116 W 240 V B22D	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm ³	930.00 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.

References / Links

For an extended range for non-EU countries see

▶ www.osram.com

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