

PRODUCT FAMILY DATASHEET

HALOGEN 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

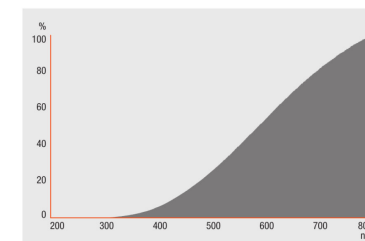
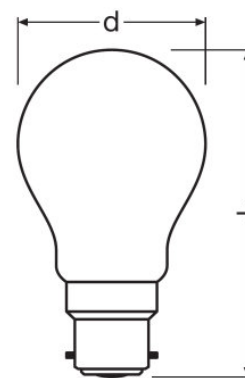
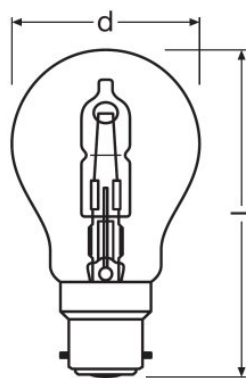
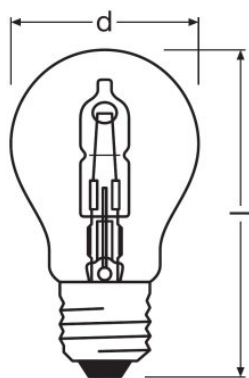
TECHNICAL DATA

Product description	Electrical data				Photometrical data						
	Nominal wattage	Nominal voltage	Rated wattage	Power factor λ	Nominal luminous flux	Color temperature	Light color (designation)	Color rendering index Ra	Lumen main.fact.at end of nom.life time	Color temperature	Luminous flux
HAL CL A 30 W 230 V E27	30.00 W	230 V	30.00 W	1.00	405 lm	2700 K	Warm White	100	0.80	2700 K	405 lm
HAL CL A 30 W 240 V E27	30.00 W	240 V	30.00 W	1.00	405 lm	2700 K	Warm White	100	0.80	2700 K	405 lm
HAL CL A 30 W 240 V B22D	30.00 W	240 V	30.00 W	1.00	405 lm	2700 K	Warm White	100	0.80	2700 K	405 lm
HAL CL A 46 W 230 V E27	46.00 W	230 V	46.00 W	1.00	700 lm	2700 K	Warm White	100	0.80	2700 K	700 lm
HAL CL A 46 W 240 V E27	46.00 W	240 V	46.00 W	1.00	700 lm	2700 K	Warm White	100	0.80	2700 K	700 lm
HAL CL A 46 W 240 V B22D	46.00 W	240 V	46.00 W	1.00	700 lm	2700 K	Warm White	100	0.80	2700 K	700 lm
HAL CL A 57 W 240 V E27	57.00 W	240 V	57.00 W	1.00	915 lm	2800 K	Warm White	100	0.80	2800 K	915 lm
HAL CL A 57 W 240 V B22D	57.00 W	240 V	57.00 W	1.00	915 lm	2800 K	Warm White	100	0.80	2800 K	915 lm
HAL CL A 57 W 230 V E27	57.00 W	230 V	57.00 W	1.00	915 lm	2800 K	Warm White	100	0.80	2800 K	915 lm
HAL CL A 77 W 240 V E27	77.00 W	240 V	77.00 W	1.00	1320 lm	2800 K	Warm White	100	0.80	2800 K	1320 lm
HAL CL A 77 W 240 V B22D	77.00 W	240 V	77.00 W	1.00	1320 lm	2800 K	Warm White	100	0.80	2800 K	1320 lm
HAL CL A 77 W 240 V B22D	77.00 W	240 V	77.00 W		1320 lm	2800 K	Warm White	100		2800 K	1320 lm
HAL CL A 116 W 240 V E27	116.00 W	240 V	116.00 W	1.00	2135 lm	2800 K	Warm White	100	0.80	2800 K	2135 lm
HAL CL A 116 W 240 V B22D	116.00 W	240 V	116.00 W	1.00	2135 lm	2800 K	Warm White	100	0.80	2800 K	2135 lm

Product description	Color rendering index Ra	Light technical data		Dimensions & weight		Lifespan			Additional product data		
		Starting time	Warm-up time (60 %)	Diameter	Light center length (LCL)	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Base (standard designation)	Mercury content	Mercury-free
HAL CL A 30 W 230 V E27	100	0.0 s	0.00 s	55.0 mm	73.0 mm	2000 h	2000 h	50000	E27	0.0 mg	Yes
HAL CL A 30 W 240 V E27	100	0.0 s	0.00 s	55.0 mm	73.0 mm	2000 h	2000 h	50000	E27	0.0 mg	Yes
HAL CL A 30 W 240 V B22D	100	0.0 s	0.00 s	55.0 mm	73.0 mm	2000 h	2000 h	50000	B22d	0.0 mg	Yes
HAL CL A 46 W 230 V E27	100	0.0 s	0.00 s	55.0 mm	73.0 mm	2000 h	2000 h	50000	E27	0.0 mg	Yes
HAL CL A 46 W 240 V E27	100	0.0 s	0.00 s	55.0 mm	73.0 mm	2000 h	2000 h	50000	E27	0.0 mg	Yes
HAL CL A 46 W 240 V B22D	100	0.0 s	0.00 s	55.0 mm	73.0 mm	2000 h	2000 h	50000	B22d	0.0 mg	Yes
HAL CL A 57 W 240 V E27	100	0.0 s	0.00 s	55.0 mm	73.0 mm	2000 h	2000 h	50000	E27	0.0 mg	Yes
HAL CL A 57 W 240 V B22D	100	0.0 s	0.00 s	55.0 mm	73.0 mm	2000 h	2000 h	50000	B22d	0.0 mg	Yes

Product description	Color rendering index Ra	Light technical data		Dimensions & weight		Lifespan			Additional product data		
		Starting time	Warm-up time (60 %)	Diameter	Light center length (LCL)	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Base (standard designation)	Mercury content	Mercury-free
HAL CL A 57 W 230 V E27	100	0.0 s	0.00 s	55.0 mm	73.0 mm	2000 h	2000 h	50000	E27	0.0 mg	Yes
HAL CL A 77 W 240 V E27	100	0.0 s	0.00 s	55.0 mm	73.0 mm	2000 h	2000 h	50000	E27	0.0 mg	Yes
HAL CL A 77 W 240 V B22D	100	0.0 s	0.00 s	55.0 mm	73.0 mm	2000 h	2000 h	50000	B22d	0.0 mg	Yes
HAL CL A 77 W 240 V B22D	100	0.0 s		55.0 mm	73.0 mm	2000 h	2000 h		B22d		Yes
HAL CL A 116 W 240 V E27	100	0.0 s	0.00 s	55.0 mm	73.0 mm	2000 h	2000 h	50000	E27	0.0 mg	Yes
HAL CL A 116 W 240 V B22D	100	0.0 s	0.00 s	55.0 mm	73.0 mm	2000 h	2000 h	50000	B22d	0.0 mg	Yes

Product description	Capabilities		Certificates & standards	Country-specific categorizations
	Burning position	Dimmable	Energy consumption	ILCOS
HAL CL A 30 W 230 V E27	Any	Yes	30 kWh/1000h	HSGSA/C/UB-30-230-E27-73
HAL CL A 30 W 240 V E27	Any	Yes	30 kWh/1000h	HSGSA/C/UB-30-240-E27-73
HAL CL A 30 W 240 V B22D	Any	Yes	30 kWh/1000h	HSGSA/C/UB-30-240-B22D-73
HAL CL A 46 W 230 V E27	Any	Yes	46 kWh/1000h	HSGSA/C/UB-46-230-E27-73
HAL CL A 46 W 240 V E27	Any	Yes	46 kWh/1000h	HSGSA/C/UB-46-240-E27-73
HAL CL A 46 W 240 V B22D	Any	Yes	46 kWh/1000h	HSGSA/C/UB-46-240-B22D-73
HAL CL A 57 W 240 V E27	Any	Yes	57 kWh/1000h	HSGSA/C/UB-57-240-E27-73
HAL CL A 57 W 240 V B22D	Any	Yes	57 kWh/1000h	HSGSA/C/UB-57-240-B22D-73
HAL CL A 57 W 230 V E27	Any	Yes	57 kWh/1000h	HSGSA/C/UB-57-230-E27-73
HAL CL A 77 W 240 V E27	Any	Yes	77 kWh/1000h	HSGSA/C/UB-77-240-E27-73
HAL CL A 77 W 240 V B22D	Any	Yes	77 kWh/1000h	HSGSA/C/UB-77-240-B22D-73
HAL CL A 77 W 240 V B22D	Any	Yes		HSGSA/F/UB-77-240-B22D-73
HAL CL A 116 W 240 V E27	Any	Yes	116 kWh/1000h	HSGSA/C/UB-116-240-E27-73
HAL CL A 116 W 240 V B22D	Any	Yes	116 kWh/1000h	HSGSA/C/UB-116-240-B22D-73



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

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

HAL CL A 77 W 240 V B22D

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

APPLICATION ADVICE

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321211835	Shipping carton box 20	286 mm x 105 mm x 234 mm	794.00 g	7.03 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321229274	Shipping carton box 20	286 mm x 105 mm x 234 mm	794.00 g	7.03 dm ³
4008321276957	Shipping carton box 20	286 mm x 105 mm x 234 mm	910.00 g	7.03 dm ³
4008321212085	Shipping carton box 20	286 mm x 105 mm x 234 mm	1030.00 g	7.03 dm ³
4008321229298	Shipping carton box 20	286 mm x 105 mm x 234 mm	794.00 g	7.03 dm ³
4008321276827	Shipping carton box 20	286 mm x 105 mm x 234 mm	910.00 g	7.03 dm ³
4008321403322	Shipping carton box 20	286 mm x 105 mm x 234 mm	794.00 g	7.03 dm ³
4008321403346	Shipping carton box 20	286 mm x 105 mm x 234 mm	910.00 g	7.03 dm ³
4008321927194	Shipping carton box 20	286 mm x 105 mm x 234 mm	794.00 g	7.03 dm ³
4008321403353	Shipping carton box 20	286 mm x 105 mm x 234 mm	794.00 g	7.03 dm ³
4008321403360	Shipping carton box 20	286 mm x 105 mm x 234 mm	910.00 g	7.03 dm ³
4008321934413	Shipping carton box 20	286 mm x 105 mm x 234 mm	910.00 g	7.03 dm ³
4008321403384	Shipping carton box 20	286 mm x 105 mm x 234 mm	814.00 g	7.03 dm ³
4008321403407	Shipping carton box 20	286 mm x 105 mm x 234 mm	930.00 g	7.03 dm ³

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.