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## HALOGEN CLASSIC A

Halogen lamps, classic bulb shape



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### Areas of application

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

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### 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

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### 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 $\lambda$	Nominal luminous flux	Color temperature	Color rendering index Ra
HAL 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 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 CL A 30 W 240 V E27	30.0 W	240 V	405 lm	30.00 W	40 W	1.00	405 lm	2700 K	100
HAL 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 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 CL A ES 42 W 220 V E27	42.0 W	220 V	530 lm	42.00 W	60 W	1.00	530 lm	2700 K	100
HAL 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 CL A 46 W 240 V E27	46.0 W	240 V	700 lm	46.00 W	60 W	1.00	700 lm	2700 K	100
HAL 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 CL A 57 W 240 V E27	57.0 W	240 V	915 lm	57.00 W	75 W	1.00	915 lm	2800 K	100
HAL 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 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 CL A ES 70 W 127 V E27	70.0 W	127 V		70.00 W					
HAL CL A ES 70 W 220 V E27	70.0 W	220 V	1000 lm	70.00 W	100 W	1.00	1000 lm	2800 K	100
HAL 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 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 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 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 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 CL A 116 W 240 V E27	116 W	240 V	2135 lm	116.00 W	150 W	1.00	2135 lm	2800 K	100
HAL 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
HAL CL A 116 W 240 V E27	116 W	240 V	2135 lm	116.00 W	150 W	1.00	2135 lm	2800 K	100
HAL SST CL A 46 W/240 V E27	46.0 W	240 V	700 lm	46.00 W	60 W	1.00	700 lm	2700 K	100
HAL SST 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

# Product family datasheet

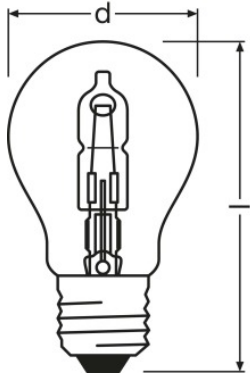
Product description	Light technical data		Dimensions & weight			Lifespan				Additional product data
	Starting time	Warm-up time (60 %)	Diameter	Overall length	Light center length (LCL)	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen main. fact. at end of nom. life time	Base (standard designation)
HAL CL A 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 <sup>1)</sup>	0.80	E27
HAL 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 <sup>1)</sup>	0.80	E27
HAL CL A 30 W 240 V E27	0.0 s	0.00 s	55.0 mm	97.0 mm	73.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	E27
HAL 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 <sup>1)</sup>	0.80	B22d
HAL 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 <sup>1)</sup>	0.80	E27
HAL CL A ES 42 W 220 V E27	0.0 s	0.00 s	55.0 mm	97.0 mm	73.0 mm	1000 h	1000 h	25000 <sup>1)</sup>	0.80	E27
HAL 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 <sup>1)</sup>	0.80	E27
HAL CL A 46 W 240 V E27	0.0 s	0.00 s	55.0 mm	97.0 mm	73.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	E27
HAL 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 <sup>1)</sup>	0.80	B22d
HAL CL A 57 W 240 V E27	0.0 s	0.00 s	55.0 mm	97.0 mm	73.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	E27
HAL 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 <sup>1)</sup>	0.80	B22d
HAL 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 <sup>1)</sup>	0.80	E27
HAL CL A ES 70 W 127 V E27	0.0 s		55.0 mm	97.0 mm	73.0 mm	1000 h	1000 h			E27
HAL CL A ES 70 W 220 V E27	0.0 s	0.00 s	55.0 mm	97.0 mm	73.0 mm	1000 h	1000 h	25000 <sup>1)</sup>	0.80	E27
HAL 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 <sup>1)</sup>	0.80	E27
HAL 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 <sup>1)</sup>	0.80	E27
HAL 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 <sup>1)</sup>	0.80	B22d
HAL 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 <sup>1)</sup>	0.80	B22d
HAL 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 <sup>1)</sup>	0.80	E27
HAL CL A 116 W 240 V E27	0.0 s	0.00 s	55.0 mm	97.0 mm	73.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	E27
HAL 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 <sup>1)</sup>	0.80	B22d
HAL CL A 116 W 240 V E27	0.0 s	0.00 s	55.0 mm	96.0 mm	73.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	B22d
HAL SST CL A 46 W/240 V E27	0.0 s	0.00 s	55.0 mm	97.0 mm	73.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	E27
HAL SST 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 <sup>1)</sup>	0.80	B22d

## Product family datasheet

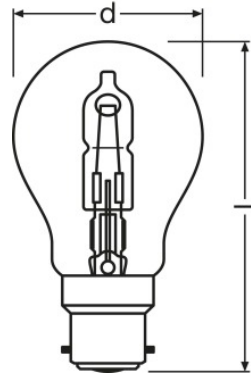
Product description	Lamp mercury content	Mercury-free	Capabilities		Certificates & standards		Country specific categorizations
			Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HAL CL A 20 W 230 V E27	0.0 mg	Yes	Any	Yes	D	20 kWh/1000h	HSGSA/C/UB-20-230-E27-73
HAL CL A 30 W 230 V E27	0.0 mg	Yes	Any	Yes	D	30 kWh/1000h	HSGSA/C/UB-30-230-E27-73
HAL CL A 30 W 240 V E27	0.0 mg	Yes	Any	Yes	D	30 kWh/1000h	HSGSA/C/UB-30-240-E27-73
HAL 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 30 W 230 V E27	0.0 mg	Yes	Any	Yes	D	30 kWh/1000h	HSGSA/C/UB-30-230-E27-73
HAL CL A ES 42 W 220 V E27	0.0 mg	Yes	Any	Yes			HSGSA/C/UB-42-220-E27-73
HAL 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 CL A 46 W 240 V E27	0.0 mg	Yes	Any	Yes	D	46 kWh/1000h	HSGSA/C/UB-46-240-E27-73
HAL 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 CL A 57 W 240 V E27	0.0 mg	Yes	Any	Yes	D	57 kWh/1000h	HSGSA/C/UB-57-240-E27-73
HAL 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 57 W 230 V E27	0.0 mg	Yes	Any	Yes	D	57 kWh/1000h	HSGSA/C/UB-57-230-E27-73
HAL CL A ES 70 W 127 V E27		Yes	Any	Yes			HSGSA/C/UB-70-127-E27
HAL CL A ES 70 W 220 V E27	0.0 mg	Yes	Any	Yes			HSGSA/C/UB-70-220-E27-73
HAL 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 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 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 CL A 77 W 240 V B22D	0.0 mg	Yes	Any	Yes			HSGSA/F/UB-77-240-B22D-73
HAL 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 CL A 116 W 240 V E27	0.0 mg	Yes	Any	Yes	D	116 kWh/1000h	HSGSA/C/UB-116-240-E27-73
HAL CL A 116 W 240 V B22D	0.0 mg	Yes	Any	Yes	D	116 kWh/1000h	HSGSA/C/UB-116-240-B22D-73
HAL CL A 116 W 240 V E27	0.0 mg	Yes	Any	Yes			HSGSA/F/UB-116-240-B22D-73
HAL SST CL A 46 W/240 V E27	0.0 mg	Yes	Any	Yes	D	46 kWh/1000h	HSGSA/C/UB-42-240-E27
HAL SST CL A 46 W/240 V B22d	0.0 mg	Yes	Any	Yes	D	46 kWh/1000h	HSGSA/C/UB-42-240-B22D

<sup>1)</sup> At 1 min on / 3 min off

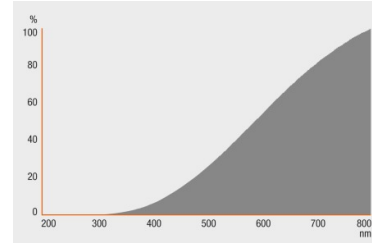
## Product family datasheet



HAL CL A 20 W 230 V E27, 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 230 V E27, HAL CL A 57 W 240 V E27, HAL CL A 77 W 230 V E27, HAL CL A 77 W 240 V E27, HAL CL A 116 W 230 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 20 W 230 V E27, 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 230 V E27, HAL CL A 77 W 240 V B22D, HAL CL A 116 W 230 V E27, 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.

## Product family datasheet

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321927163	HAL CL A 20 W 230 V E27	Shipping carton box 25	291 mm x 110 mm x 291 mm	9.31 dm <sup>3</sup>	987.66 g
4008321927163	HAL CL A 20 W 230 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	794.00 g
4008321927163	HAL CL A 20 W 230 V E27	Shipping carton box 20	286 mm x 234 mm x 105 mm	7.03 dm <sup>3</sup>	805.00 g
4008321928351	HAL CL A 20 W 230 V E27	Shipping carton box 10	376 mm x 158 mm x 150 mm	8.91 dm <sup>3</sup>	487.00 g
4052899159594	HAL CL A 20 W 230 V E27	Shipping carton box 20	458 mm x 136 mm x 150 mm	9.34 dm <sup>3</sup>	722.00 g
4052899169753	HAL CL A 20 W 230 V E27	Shipping carton box 40	286 mm x 190 mm x 203 mm	11.03 dm <sup>3</sup>	1373.00 g
4008321211828	HAL CL A 30 W 230 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	794.00 g
4008321211828	HAL CL A 30 W 230 V E27	Shipping carton box 25	331 mm x 110 mm x 368 mm	13.40 dm <sup>3</sup>	987.66 g
4008321211828	HAL CL A 30 W 230 V E27	Shipping carton box 20	286 mm x 234 mm x 105 mm	7.03 dm <sup>3</sup>	805.00 g
4008321650283	HAL CL A 30 W 230 V E27	Shipping carton box 20	458 mm x 152 mm x 150 mm	10.44 dm <sup>3</sup>	713.50 g
4008321916273	HAL CL A 30 W 230 V E27	Shipping carton box 10	330 mm x 136 mm x 201 mm	9.02 dm <sup>3</sup>	487.00 g
4008321228727	HAL CL A 30 W 240 V E27	Shipping carton box 10	376 mm x 136 mm x 187 mm	9.56 dm <sup>3</sup>	487.00 g
4008321229267	HAL CL A 30 W 240 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	794.00 g

## Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321229267	HAL CL A 30 W 240 V E27	Shipping carton box 10	288 mm x 119 mm x 108 mm	3.70 dm <sup>3</sup>	452.00 g
4008321229267	HAL CL A 30 W 240 V E27	Shipping carton box 2340	1150 mm x 754 mm x 975 mm	845.42 dm <sup>3</sup>	85128.00 g
4008321229267	HAL CL A 30 W 240 V E27	Shipping carton box 1400	800 mm x 600 mm x 1024 mm	491.52 dm <sup>3</sup>	58200.00 g
4008321229144	HAL CL A 30 W 240 V B22D	Shipping carton box 10	376 mm x 161 mm x 168 mm	10.17 dm <sup>3</sup>	545.00 g
4008321918949	HAL CL A 30 W 240 V B22D	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	910.00 g
4008321918949	HAL CL A 30 W 240 V B22D	Shipping carton box 10	288 mm x 119 mm x 108 mm	3.70 dm <sup>3</sup>	820.00 g
4052899159631	HAL CL A 30 W 240 V B22D	Shipping carton box 20	458 mm x 136 mm x 150 mm	9.34 dm <sup>3</sup>	803.00 g
4052899195509	HAL CL A 30 W 240 V B22D	Shipping carton box 40	286 mm x 190 mm x 203 mm	11.03 dm <sup>3</sup>	1625.00 g
4052899027183	HAL CL A 30 W 230 V E27	Shipping carton box 40	286 mm x 190 mm x 203 mm	11.03 dm <sup>3</sup>	1349.00 g
4052899072138	HAL CL A ES 42 W 220 V E27	Shipping carton box 50	570 mm x 294 mm x 109 mm	18.27 dm <sup>3</sup>	2003.00 g
4008321212078	HAL CL A 46 W 230 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	794.00 g
4008321212078	HAL CL A 46 W 230 V E27	Shipping carton box 25	291 mm x 110 mm x 291 mm	9.31 dm <sup>3</sup>	987.66 g
4008321212078	HAL CL A 46 W 230 V E27	Shipping carton box 16	240 mm x 200 mm x 125 mm	6.00 dm <sup>3</sup>	703.35 g
4008321212078	HAL CL A 46 W 230 V E27	Shipping carton box 20	286 mm x 234 mm x 105 mm	7.03 dm <sup>3</sup>	805.00 g

## Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321212078	HAL CL A 46 W 230 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	847.36 g
4008321650320	HAL CL A 46 W 230 V E27	Shipping carton box 20	458 mm x 152 mm x 150 mm	10.44 dm <sup>3</sup>	689.00 g
4008321862204	HAL CL A 46 W 230 V E27	Shipping carton box 40	286 mm x 190 mm x 203 mm	11.03 dm <sup>3</sup>	1375.00 g
4052899920712	HAL CL A 46 W 230 V E27	Shipping carton box 60	570 mm x 286 mm x 259 mm	42.22 dm <sup>3</sup>	2399.00 g
4008321229281	HAL CL A 46 W 240 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	794.00 g
4008321229281	HAL CL A 46 W 240 V E27	Shipping carton box 10	288 mm x 119 mm x 108 mm	3.70 dm <sup>3</sup>	452.00 g
4008321229281	HAL CL A 46 W 240 V E27	Shipping carton box 1400	800 mm x 600 mm x 1024 mm	491.52 dm <sup>3</sup>	56950.00 g
4008321229281	HAL CL A 46 W 240 V E27	Shipping carton box 2340	1150 mm x 754 mm x 975 mm	845.42 dm <sup>3</sup>	85128.00 g
4008321659781	HAL CL A 46 W 240 V B22D	Shipping carton box 20	458 mm x 153 mm x 150 mm	10.51 dm <sup>3</sup>	832.67 g
4008321919083	HAL CL A 46 W 240 V B22D	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	910.00 g
4008321919083	HAL CL A 46 W 240 V B22D	Shipping carton box 10	288 mm x 119 mm x 108 mm	3.70 dm <sup>3</sup>	510.00 g
4052899195523	HAL CL A 46 W 240 V B22D	Shipping carton box 40	286 mm x 190 mm x 203 mm	11.03 dm <sup>3</sup>	1625.00 g
4052899921443	HAL CL A 46 W 240 V B22D	Shipping carton box 60	570 mm x 286 mm x 259 mm	42.22 dm <sup>3</sup>	2740.00 g
4008321403315	HAL CL A 57 W 240 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	794.00 g



## Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321403339	HAL CL A 57 W 240 V B22D	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	910.00 g
4008321403339	HAL CL A 57 W 240 V B22D	Shipping carton box 10	288 mm x 119 mm x 108 mm	3.70 dm <sup>3</sup>	540.00 g
4008321649300	HAL CL A 57 W 240 V B22D	Shipping carton box 10	376 mm x 157 mm x 150 mm	8.85 dm <sup>3</sup>	545.00 g
4052899159655	HAL CL A 57 W 240 V B22D	Shipping carton box 20	458 mm x 136 mm x 150 mm	9.34 dm <sup>3</sup>	843.00 g
4052899195547	HAL CL A 57 W 240 V B22D	Shipping carton box 40	286 mm x 190 mm x 203 mm	11.03 dm <sup>3</sup>	1625.00 g
4008321927187	HAL CL A 57 W 230 V E27	Shipping carton box 25	291 mm x 110 mm x 291 mm	9.31 dm <sup>3</sup>	987.66 g
4008321927187	HAL CL A 57 W 230 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	794.00 g
4008321927187	HAL CL A 57 W 230 V E27	Shipping carton box 20	286 mm x 234 mm x 105 mm	7.03 dm <sup>3</sup>	805.00 g
4008321928375	HAL CL A 57 W 230 V E27	Shipping carton box 10	376 mm x 160 mm x 150 mm	9.02 dm <sup>3</sup>	487.00 g
4052899169777	HAL CL A 57 W 230 V E27	Shipping carton box 40	286 mm x 190 mm x 203 mm	11.03 dm <sup>3</sup>	1378.00 g
4052899200005	HAL CL A 57 W 230 V E27	Shipping carton box 60	570 mm x 286 mm x 259 mm	42.22 dm <sup>3</sup>	2372.00 g
4052899030695	HAL CL A ES 70 W 127 V E27	Shipping carton box 50	570 mm x 294 mm x 109 mm	18.27 dm <sup>3</sup>	1984.00 g
4052899072190	HAL CL A ES 70 W 220 V E27	Shipping carton box 50	570 mm x 294 mm x 109 mm	18.27 dm <sup>3</sup>	2003.00 g
4008321936059	HAL CL A 77 W 240 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	794.00 g

## Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321936059	HAL CL A 77 W 240 V E27	Shipping carton box 25	291 mm x 291 mm x 110 mm	9.31 dm <sup>3</sup>	990.00 g
4008321650405	HAL CL A 77 W 230 V E27	Shipping carton box 20	458 mm x 151 mm x 150 mm	10.37 dm <sup>3</sup>	702.50 g
4008321927200	HAL CL A 77 W 230 V E27	Shipping carton box 25	291 mm x 110 mm x 291 mm	9.31 dm <sup>3</sup>	987.66 g
4008321927200	HAL CL A 77 W 230 V E27	Shipping carton box 20	286 mm x 234 mm x 105 mm	7.03 dm <sup>3</sup>	805.00 g
4008321927200	HAL CL A 77 W 230 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	794.00 g
4008321927200	HAL CL A 77 W 230 V E27	Shipping carton box 16	267 mm x 125 mm x 196 mm	6.54 dm <sup>3</sup>	696.00 g
4008321928399	HAL CL A 77 W 230 V E27	Shipping carton box 10	376 mm x 159 mm x 150 mm	8.97 dm <sup>3</sup>	487.00 g
4052899169791	HAL CL A 77 W 230 V E27	Shipping carton box 40	286 mm x 190 mm x 203 mm	11.03 dm <sup>3</sup>	1393.00 g
4008321649324	HAL CL A 77 W 240 V B22D	Shipping carton box 10	376 mm x 155 mm x 150 mm	8.74 dm <sup>3</sup>	545.00 g
4008321936073	HAL CL A 77 W 240 V B22D	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	910.00 g
4008321936073	HAL CL A 77 W 240 V B22D	Shipping carton box 10	288 mm x 119 mm x 108 mm	3.70 dm <sup>3</sup>	510.00 g
4008321936073	HAL CL A 77 W 240 V B22D	Shipping carton box 25	291 mm x 110 mm x 291 mm	9.31 dm <sup>3</sup>	1132.66 g
4052899159679	HAL CL A 77 W 240 V B22D	Shipping carton box 20	458 mm x 136 mm x 150 mm	9.34 dm <sup>3</sup>	811.00 g
4052899195561	HAL CL A 77 W 240 V B22D	Shipping carton box 40	286 mm x 190 mm x 203 mm	11.03 dm <sup>3</sup>	1625.00 g

## Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321934260	HAL CL A 77 W 240 V B22D	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	910.00 g
4008321928153	HAL CL A 116 W 230 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	814.00 g
4008321928412	HAL CL A 116 W 230 V E27	Shipping carton box 10	376 mm x 158 mm x 150 mm	8.91 dm <sup>3</sup>	497.00 g
4052899159617	HAL CL A 116 W 230 V E27	Shipping carton box 20	458 mm x 136 mm x 150 mm	9.34 dm <sup>3</sup>	728.00 g
4008321403377	HAL CL A 116 W 240 V E27	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	814.00 g
4052899195462	HAL CL A 116 W 240 V E27	Shipping carton box 40	286 mm x 190 mm x 203 mm	11.03 dm <sup>3</sup>	1405.00 g
4008321403391	HAL CL A 116 W 240 V B22D	Shipping carton box 20	286 mm x 105 mm x 234 mm	7.03 dm <sup>3</sup>	930.00 g
4008321649348	HAL CL A 116 W 240 V B22D	Shipping carton box 10	376 mm x 157 mm x 150 mm	8.85 dm <sup>3</sup>	555.00 g
4052899159693	HAL CL A 116 W 240 V B22D	Shipping carton box 20	458 mm x 136 mm x 150 mm	9.34 dm <sup>3</sup>	837.00 g
4052899195585	HAL CL A 116 W 240 V B22D	Shipping carton box 40	286 mm x 190 mm x 203 mm	11.03 dm <sup>3</sup>	1665.00 g
4008321934284	HAL CL A 116 W 240 V E27	Shipping carton box 20	287 mm x 107 mm x 229 mm	7.03 dm <sup>3</sup>	951.00 g
4008321692573	HAL SST CL A 46 W/240 V E27	Shipping carton box 25	291 mm x 291 mm x 110 mm	9.31 dm <sup>3</sup>	1001.00 g
4008321621689	HAL SST CL A 46 W/240 V B22d	Shipping carton box 25	291 mm x 291 mm x 110 mm	9.31 dm <sup>3</sup>	1146.00 g

## Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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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.

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### References / Links

For an extended range for non-EU countries see

▶ [www.osram.com](http://www.osram.com)

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