

PRODUCT FAMILY DATASHEET

HALOGEN CLASSIC B

Halogen lamps, classic mini-candle shape



AREAS OF APPLICATION

- General illumination
- Dining table 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

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

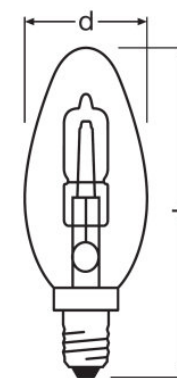
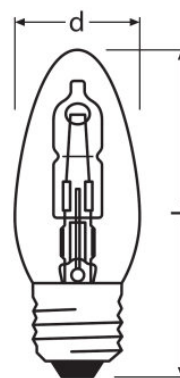
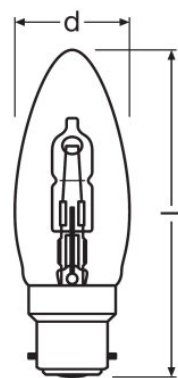
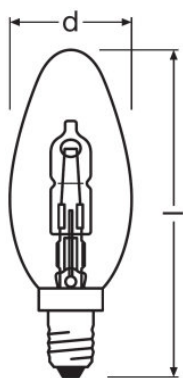
TECHNICAL DATA

Product description	Electrical data				Photometrical data				Light technical data		Dimensions & weight
	Nominal wattage	Nominal voltage	Rated wattage	Power factor λ	Nominal luminous flux	Color temperature	Color rendering index Ra	Lumen main.fact.at end of nom.life time	Starting time	Warm-up time (60 %)	Diameter
HAL CL B 20 W 230 V E14	20.00 W	230 V	20.00 W	1.00	235 lm	2700 K	100	0.80	0.0 s	0.00 s	35.0 mm
HAL CL B 20 W 230 V E14	20.00 W	230 V	20.00 W	1.00	235 lm	2700 K	100	0.80	0.0 s	0.00 s	35.0 mm
HAL CL B 20 W 240 V E14	20.00 W	240 V	20.00 W	1.00	235 lm	2700 K	100	0.80	0.0 s	0.00 s	35.0 mm
HAL CL B 20 W 240 V B22D	20.00 W	240 V	20.00 W	1.00	235 lm	2700 K	100	0.80	0.0 s	0.00 s	35.0 mm
HAL CL B 30 W 230 V E14	30.00 W	230 V	30.00 W	1.00	405 lm	2700 K	100	0.80	0.0 s	0.00 s	35.0 mm
HAL CL B 30 W 230 V E27	30.00 W	230 V	30.00 W	1.00	405 lm	2700 K	100	0.80	0.0 s	0.00 s	35.0 mm
HAL CL B 30 W 240 V E14	30.00 W	240 V	30.00 W	1.00	405 lm	2700 K	100	0.80	0.0 s	0.00 s	35.0 mm
HAL CL B 30 W 240 V B22D	30.00 W	240 V	30.00 W	1.00	405 lm	2700 K	100	0.80	0.0 s	0.00 s	35.0 mm
HAL CL B 46 W 230 V E14	46.00 W	230 V	46.00 W	1.00	700 lm	2700 K	100	0.80	0.0 s	0.00 s	35.0 mm
HAL CL B 46 W 230 V E27	46.00 W	230 V	46.00 W	1.00	700 lm	2700 K	100	0.80	0.0 s	0.00 s	35.0 mm
HAL CL B 42 W 240 V E14	46.00 W	240 V	46.00 W	1.00	700 lm	2700 K	100	0.80	0.0 s	0.00 s	35.0 mm
HAL CL B 46 W 240 V B22D	46.00 W	240 V	46.00 W	1.00	700 lm	2700 K	100	0.80	0.0 s	0.00 s	35.0 mm
HAL CL B 30 W 230 V E14	30.00 W	230 V	30.00 W	1.00	405 lm	2700 K	100	0.80	0.0 s	0.00 s	35.0 mm

Product description	Overall length	Light center length (LCL)	Lifespan			Additional product data			Capabilities
			Nominal lamp life time	Rated lamp life time	Number of switching cycles	Base (standard designation)	Mercury content	Mercury-free	Burning position
HAL CL B 20 W 230 V E14	104.0 mm	67.0 mm	2000 h	2000 h	50000	E14	0.0 mg	Yes	Any
HAL CL B 20 W 230 V E14	104.0 mm	67.0 mm	2000 h	2000 h	50000	E14	0.0 mg	Yes	Any
HAL CL B 20 W 240 V E14	104.0 mm	67.0 mm	2000 h	2000 h	50000	E14	0.0 mg	Yes	Any
HAL CL B 20 W 240 V B22D	97.0 mm	67.0 mm	2000 h	2000 h	50000	B22d	0.0 mg	Yes	Any
HAL CL B 30 W 230 V E14	104.0 mm	67.0 mm	2000 h	2000 h	50000	E14	0.0 mg	Yes	Any
HAL CL B 30 W 230 V E27	98.5 mm	67.0 mm	2000 h	2000 h	50000	E27	0.0 mg	Yes	Any
HAL CL B 30 W 240 V E14	104.0 mm	67.0 mm	2000 h	2000 h	50000	E14	0.0 mg	Yes	Any
HAL CL B 30 W 240 V B22D	97.0 mm	67.0 mm	2000 h	2000 h	50000	B22d	0.0 mg	Yes	Any
HAL CL B 46 W 230 V E14	104.0 mm	67.0 mm	2000 h	2000 h	50000	E14	0.0 mg	Yes	Any

Product description	Overall length	Light center length (LCL)	Lifespan			Additional product data			Capabilities
			Nominal lamp life time	Rated lamp life time	Number of switching cycles	Base (standard designation)	Mercury content	Mercury-free	Burning position
HAL CL B 46 W 230 V E27	98.5 mm	67.0 mm	2000 h	2000 h	50000	E27	0.0 mg	Yes	Any
HAL CL B 42 W 240 V E14	104.0 mm	67.0 mm	2000 h	2000 h	50000	E14	0.0 mg	Yes	Any
HAL CL B 46 W 240 V B22D	97.0 mm	67.0 mm	2000 h	2000 h	50000	B22d	0.0 mg	Yes	Any
HAL CL B 30 W 230 V E14	104.0 mm	67.0 mm	2000 h	2000 h	50000	E14	0.0 mg	Yes	Any

Product description	Dimmable	Certificates & standards		Country specific categorizations
		Energy efficiency class	Energy consumption	ILCOS
HAL CL B 20 W 230 V E14	Yes	D	20 kWh/1000h	HSGSB/C/UB-20-230-E14-67
HAL CL B 20 W 230 V E14	Yes	D	20 kWh/1000h	HSGSB/C/UB-20-230-E14-67
HAL CL B 20 W 240 V E14	Yes	D	20 kWh/1000h	HSGSB/C/UB-20-240-E14-67
HAL CL B 20 W 240 V B22D	Yes	D	20 kWh/1000h	HSGSB/C/UB-20-240-B22D-67
HAL CL B 30 W 230 V E14	Yes	D	30 kWh/1000h	HSGSB/C/UB-30-230-E14-67
HAL CL B 30 W 230 V E27	Yes	D	30 kWh/1000h	HSGSB/C/UB-30-230-E27-67
HAL CL B 30 W 240 V E14	Yes	D	30 kWh/1000h	HSGSB/C/UB-30-240-E14-67
HAL CL B 30 W 240 V B22D	Yes	D	30 kWh/1000h	HSGSB/C/UB-30-240-B22D-67
HAL CL B 46 W 230 V E14	Yes	D	46 kWh/1000h	HSGSB/C/UB-46-230-E14-67
HAL CL B 46 W 230 V E27	Yes	D	46 kWh/1000h	HSGSB/C/UB-46-230-E27-67
HAL CL B 42 W 240 V E14	Yes	D	46 kWh/1000h	HSGSB/C/UB-46-240-E14-67
HAL CL B 46 W 240 V B22D	Yes	D	46 kWh/1000h	HSGSB/C/UB-46-240-B22D-67
HAL CL B 30 W 230 V E14	Yes	D	30 kWh/1000h	HSGSB/C/UB-30-230-E14-67

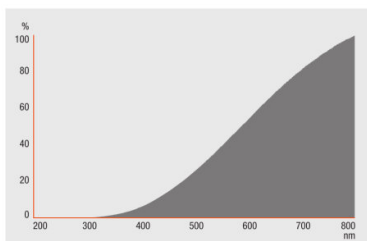


HAL CL B 20 W 230 V E14, HAL CL B 20 W 230 V E14, HAL CL B 20 W 240 V E14, HAL CL B 30 W 230 V E14, HAL CL B 30 W 240 V E14, HAL CL B 46 W 230 V E14, HAL CL B 30 W 230 V E14

HAL CL B 20 W 240 V B22D, HAL CL B 30 W 240 V B22D, HAL CL B 46 W 240 V B22D

HAL CL B 30 W 230 V E27, HAL CL B 46 W 230 V E27

HAL CL B 42 W 240 V E14



HAL CL B 20 W 230 V E14, HAL CL B 20 W 240 V E14, HAL CL B 20 W 240 V B22D, HAL CL B 30 W 230 V E14, HAL CL B 30 W 230 V E27, HAL CL B 30 W 240 V E14, HAL CL B 30 W 240 V B22D, HAL CL B 46 W 230 V E14, HAL CL B 46 W 230 V E27, HAL CL B 42 W 240 V E14, HAL CL B 46 W 240 V B22D

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
4052899027206	HAL CL B 20 W 230 V E14	Shipping carton box 40	184 mm x 152 mm x 213 mm	5.96 dm ³	941.00 g
4052899160088	HAL CL B 20 W 230 V E14	Shipping carton box 20	376 mm x 136 mm x 150 mm	7.67 dm ³	562.00 g

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321927286	HAL CL B 20 W 230 V E14	Shipping carton box 25	191 mm x 117 mm x 191 mm	4.27 dm ³	668.50 g
4008321927286	HAL CL B 20 W 230 V E14	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm ³	570.00 g
4008321928511	HAL CL B 20 W 230 V E14	Shipping carton box 10	266 mm x 153 mm x 150 mm	6.10 dm ³	365.50 g
4008321934307	HAL CL B 20 W 240 V E14	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm ³	570.00 g
4008321934307	HAL CL B 20 W 240 V E14	Shipping carton box 5616	1199 mm x 799 mm x 852 mm	816.22 dm ³	133584.00 g
4008321934291	HAL CL B 20 W 240 V B22D	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm ³	686.00 g
4008321212153	HAL CL B 30 W 230 V E14	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm ³	570.00 g
4008321212153	HAL CL B 30 W 230 V E14	Shipping carton box 25	191 mm x 117 mm x 191 mm	4.27 dm ³	680.20 g
4008321212153	HAL CL B 30 W 230 V E14	Shipping carton box 20	184 mm x 152 mm x 110 mm	3.08 dm ³	524.00 g
4008321663719	HAL CL B 30 W 230 V E14	Shipping carton box 20	376 mm x 152 mm x 150 mm	8.57 dm ³	566.00 g
4008321916310	HAL CL B 30 W 230 V E14	Shipping carton box 10	266 mm x 155 mm x 150 mm	6.18 dm ³	420.00 g
4052899143074	HAL CL B 30 W 230 V E14	Shipping carton box 60	332 mm x 286 mm x 294 mm	27.92 dm ³	1848.00 g
4008321984883	HAL CL B 30 W 230 V E27	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm ³	576.00 g
4008321228802	HAL CL B 30 W 240 V E14	Shipping carton box 10	293 mm x 151 mm x 150 mm	6.64 dm ³	420.00 g
4008321229304	HAL CL B 30 W 240 V E14	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm ³	570.00 g
4008321229304	HAL CL B 30 W 240 V E14	Shipping carton box 25	191 mm x 191 mm x 117 mm	4.27 dm ³	644.00 g

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321229182	HAL CL B 30 W 240 V B22D	Shipping carton box 10	308 mm x 136 mm x 150 mm	6.28 dm ³	450.88 g
4008321919045	HAL CL B 30 W 240 V B22D	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm ³	648.33 g
4052899160101	HAL CL B 30 W 240 V B22D	Shipping carton box 20	376 mm x 136 mm x 150 mm	7.67 dm ³	680.00 g
4008321663733	HAL CL B 46 W 230 V E14	Shipping carton box 20	376 mm x 136 mm x 150 mm	7.67 dm ³	553.00 g
4008321927309	HAL CL B 46 W 230 V E14	Shipping carton box 25	191 mm x 117 mm x 191 mm	4.27 dm ³	675.00 g
4008321927309	HAL CL B 46 W 230 V E14	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm ³	570.00 g
4008321928535	HAL CL B 46 W 230 V E14	Shipping carton box 10	266 mm x 155 mm x 150 mm	6.18 dm ³	366.00 g
4052899170261	HAL CL B 46 W 230 V E14	Shipping carton box 40	184 mm x 150 mm x 213 mm	5.88 dm ³	961.00 g
4052899199880	HAL CL B 46 W 230 V E14	Shipping carton box 60	332 mm x 286 mm x 294 mm	27.92 dm ³	1832.00 g
4008321984890	HAL CL B 46 W 230 V E27	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm ³	576.00 g
4008321934338	HAL CL B 42 W 240 V E14	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm ³	570.00 g
4008321934796	HAL CL B 42 W 240 V E14	Shipping carton box 10	266 mm x 156 mm x 150 mm	6.22 dm ³	371.40 g
4008321934321	HAL CL B 46 W 240 V B22D	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm ³	642.20 g
4008321934789	HAL CL B 46 W 240 V B22D	Shipping carton box 10	266 mm x 155 mm x 150 mm	6.18 dm ³	409.00 g
4052899160125	HAL CL B 46 W 240 V B22D	Shipping carton box 20	376 mm x 136 mm x 150 mm	7.67 dm ³	680.00 g
4052899027220	HAL CL B 30 W 230 V E14	Shipping carton box 40	184 mm x 150 mm x 213 mm	5.88 dm ³	1000.00 g

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

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.