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## HALOGEN CLASSIC BW

Halogen lamps, classic wound mini-candle shape



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### Areas of application

- General illumination
- Dining table lighting
- Entrance lighting
- Mood 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

- 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 $\lambda$	Nominal luminous flux	Color temperature	Color rendering index Ra
HAL CL BW 20 W 240 V E14 <sup>1)</sup>	20.0 W	240 V	235 lm	20.00 W	25 W	1.00	235 lm	2700 K	100
HAL CL BW 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 CL BW 30 W 240 V E14	30.0 W	240 V	405 lm	30.00 W	40 W	1.00	405 lm	2700 K	100
HAL CL BW 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 CL BW 46 W 240 V E14	46.0 W	240 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 CL BW 20 W 240 V E14 <sup>1)</sup>	0.0 s	0.00 s	35.0 mm	104.0 mm	67.0 mm	2000 h	2000 h	50000 <sup>2)</sup>	0.80	E14
HAL CL BW 30 W 230 V E14	0.0 s	0.00 s	35.0 mm	104.0 mm	67.0 mm	2000 h	2000 h	50000 <sup>2)</sup>	0.80	E14
HAL CL BW 30 W 240 V E14	0.0 s	0.00 s	35.0 mm	104.0 mm	67.0 mm	2000 h	2000 h	50000 <sup>2)</sup>	0.80	E14
HAL CL BW 46 W 230 V E14	0.0 s	0.00 s	35.0 mm	104.0 mm	67.0 mm	2000 h	2000 h	50000 <sup>2)</sup>	0.80	E14
HAL CL BW 46 W 240 V E14	0.0 s	0.00 s	35.0 mm	104.0 mm	67.0 mm	2000 h	2000 h	50000 <sup>2)</sup>	0.80	E14

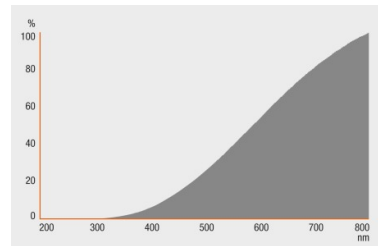
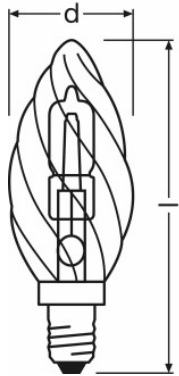
Product description	Lamp mercury content	Mercury-free	Capabilities		Certificates & standards		Country specific categorizations
			Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HAL CL BW 20 W 240 V E14 <sup>1)</sup>	0.0 mg	Yes	Any	Yes	D	20 kWh/1000h	HSGSBW/C/UB-20-240-E14-67
HAL CL BW 30 W 230 V E14	0.0 mg	Yes	Any	Yes	D	30 kWh/1000h	HSGSBW/C/UB-30-230-E14-67
HAL CL BW 30 W 240 V E14	0.0 mg	Yes	Any	Yes	D	30 kWh/1000h	HSGSBW/C/UB-30-240-E14-67

# 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 BW 46 W 230 V E14	0.0 mg	Yes	Any	Yes	D	46 kWh/1000h	HSGSBW/C/UB-46-230-E14-67
HAL CL BW 46 W 240 V E14	0.0 mg	Yes	Any	Yes	D	46 kWh/1000h	HSGSBW/C/UB-46-240-E14-67

1) Fuse protection with indicated values recommended acc. to IEC60357, EN60357/Banned from 1.9.2009 as per EU phase-out plan

2) At 1 min on / 3 min off



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

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

## Application advice

## Product family datasheet

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
4008321800954	HAL CL BW 20 W 240 V E14	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm <sup>3</sup>	567.00 g
4008321927385	HAL CL BW 30 W 230 V E14	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm <sup>3</sup>	638.00 g
4008321928597	HAL CL BW 30 W 230 V E14	Shipping carton box 10	266 mm x 158 mm x 150 mm	6.30 dm <sup>3</sup>	406.11 g
4052899160149	HAL CL BW 30 W 230 V E14	Shipping carton box 20	376 mm x 136 mm x 150 mm	7.67 dm <sup>3</sup>	588.00 g
4052899170285	HAL CL BW 30 W 230 V E14	Shipping carton box 40	184 mm x 150 mm x 213 mm	5.88 dm <sup>3</sup>	1043.00 g
4008321934352	HAL CL BW 30 W 240 V E14	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm <sup>3</sup>	638.00 g
4008321984906	HAL CL BW 46 W 230 V E14	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm <sup>3</sup>	638.00 g
4008321985019	HAL CL BW 46 W 230 V E14	Shipping carton box 10	266 mm x 159 mm x 150 mm	6.34 dm <sup>3</sup>	394.00 g
4052899160163	HAL CL BW 46 W 230 V E14	Shipping carton box 20	376 mm x 136 mm x 150 mm	7.67 dm <sup>3</sup>	583.00 g
4052899170308	HAL CL BW 46 W 230 V E14	Shipping carton box 40	184 mm x 150 mm x 213 mm	5.88 dm <sup>3</sup>	1136.00 g
4008321754271	HAL CL BW 46 W 240 V E14	Shipping carton box 20	184 mm x 110 mm x 152 mm	3.08 dm <sup>3</sup>	573.00 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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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.