

HALOGEN ECO PRO CLASSIC B

Halogen lamps, classic mini-candle shape



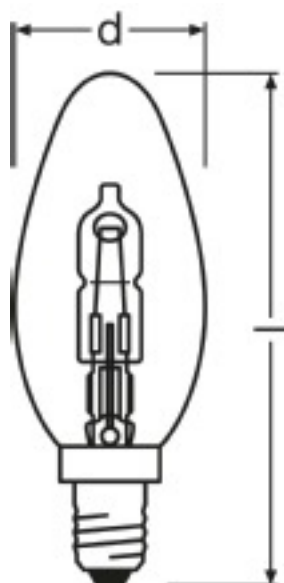
- General illumination
- Dining table lighting
- Entrance lighting
- Restaurants, hotels and similar prestigious applications

Product benefits

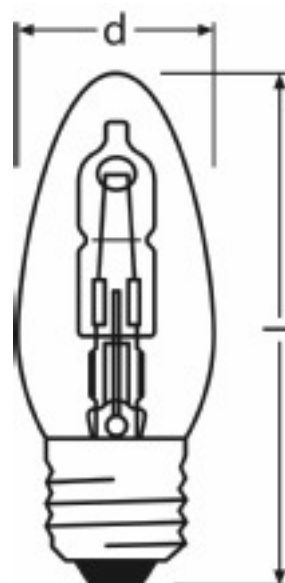
- Simple direct replacement for conventional incandescent lamps
- The same pleasant quality of light as that of an incandescent lamp
- Instant 100 % light, no warm-up time
- Contains no mercury, can be thrown away with normal household waste
- UV filter

Product features

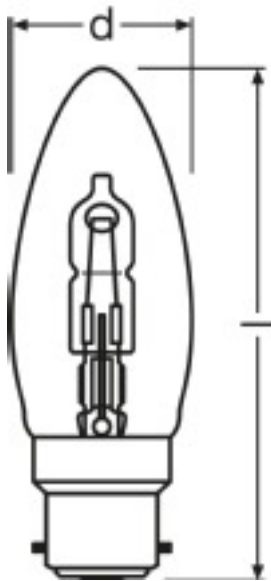
- Average life: 2,000 h
- 100 % dimmable
- Perfect color rendering (R_a : 100)



Product line drawing with letters
20 W 230 V E14 | 30 W 230 V E14 | 30 W 240 V E14 | 46 W
230 V E14 | 46 W 240 V E14



Product line drawing with letters
30 W 230 V E27 | 46 W 230 V E27



Product line drawing with letters
30 W 240 V B22D | 46 W 240 V B22D

Technical data

Product description	Nominal luminous flux	Rated luminous flux	Base (standard designation)	Rated wattage	Nominal wattage	Nominal voltage
20 W 230 V E14	235 lm	235 lm	E14	20 W	20 W	230 V
30 W 230 V E14	405 lm	405 lm	E14	30 W	30 W	230 V
30 W 230 V E27	405 lm	405 lm	E27	30 W	30 W	230 V
30 W 240 V B22D	405 lm	405 lm	B22d	30 W	30 W	240 V
30 W 240 V E14	405 lm	405 lm	E14	30 W	30 W	240 V
46 W 230 V E14	700 lm	700 lm	E14	46 W	46 W	230 V
46 W 230 V E27	700 lm	700 lm	E27	46 W	46 W	230 V
46 W 240 V B22D	700 lm	700 lm	B22d	46 W	46 W	240 V
46 W 240 V E14	700 lm	700 lm	E14	46 W	46 W	240 V

Product description	Nominal voltage	Claimed equiv. conventional lamp power	Nominal lamp life time	Rated lamp life time	Rated color temperature	Rated color rendering index Ra
20 W 230 V E14	230 V	25 W	2000 h	2000 h	2700 K	100
30 W 230 V E14	230 V	40 W	2000 h	2000 h	2700 K	100
30 W 230 V E27	230 V	40 W	2000 h	2000 h	2700 K	100
30 W 240 V B22D	240 V	40 W	2000 h	2000 h	2700 K	100
30 W 240 V E14	240 V	40 W	2000 h	2000 h	2700 K	100
46 W 230 V E14	230 V	60 W	2000 h	2000 h	2700 K	100

46 W 230 V E27	230 V	60 W	2000 h	2000 h	2700 K	100
46 W 240 V B22D	240 V	60 W	2000 h	2000 h	2700 K	100
46 W 240 V E14	240 V	60 W	2000 h	2000 h	2700 K	100

Product description	Rated color rendering index Ra	Rated starting time	Rated warm-up time (60 %)	Rated number of switching cycles	Rated lamp mercury content	Rated power factor λ
20 W 230 V E14	100	0.0 s	0 s	50000 ¹⁾	0.0 mg	1.00
30 W 230 V E14	100	0.0 s	0 s	50000 ¹⁾	0.0 mg	1.00
30 W 230 V E27	100	0.0 s	0 s	50000 ¹⁾	0.0 mg	1.00
30 W 240 V B22D	100	0.0 s	0 s	50000 ¹⁾	0.0 mg	1.00
30 W 240 V E14	100	0.0 s	0 s	50000 ¹⁾	0.0 mg	1.00
46 W 230 V E14	100	0.0 s	0 s	50000 ¹⁾	0.0 mg	1.00
46 W 230 V E27	100	0.0 s	0 s	50000 ¹⁾	0.0 mg	1.00
46 W 240 V B22D	100	0.0 s	0 s	50000 ¹⁾	0.0 mg	1.00
46 W 240 V E14	100	0.0 s	0 s	50000 ¹⁾	0.0 mg	1.00

Product description	Rated power factor λ	Overall length	Diameter	Dimmable	EEI – Energy Label	Burning position
20 W 230 V E14	1.00	104.0 mm	35.0 mm	Yes	C	Any
30 W 230 V E14	1.00	97.0 mm	35.0 mm	Yes	C	Any
30 W 230 V E27	1.00	98.5 mm	35.0 mm	Yes	C	Any
30 W 240 V B22D	1.00	97.0 mm	35.0 mm	Yes	C	Any
30 W 240 V E14	1.00	104.0 mm	35.0 mm	Yes	C	Any

46 W 230 V E14	1.00	104.0 mm	35.0 mm	Yes	C	Any
46 W 230 V E27	1.00	98.5 mm	35.0 mm	Yes	C	Any
46 W 240 V B22D	1.00	97.0 mm	35.0 mm	Yes	C	Any
46 W 240 V E14	1.00	104.0 mm	35.0 mm	Yes	C	Any

Product description	Burning position	ILCOS	Light center length (LCL)	Lumen main.fact.at end of nom.life time	Mercury-free	New article
20 W 230 V E14	Any	HSGSB/C/UB-20-230-E14	67.0 mm	0.80	Yes	NEW
30 W 230 V E14	Any	HSGSB/C/UB-30-230-E14	67.0 mm	0.80	Yes	NEW
30 W 230 V E27	Any	HSGSB/C/UB-30-230-E27	67.0 mm	0.80	Yes	NEW
30 W 240 V B22D	Any	HSGSB/C/UB-30-240-B22D	67.0 mm	0.80	Yes	NEW
30 W 240 V E14	Any	HSGSB/C/UB-30-240-E14	67.0 mm	0.80	Yes	NEW
46 W 230 V E14	Any	HSGSB/C/UB-46-230-E14	67.0 mm	0.80	Yes	NEW
46 W 230 V E27	Any	HSGSB/C/UB-46-230-E27	67.0 mm	0.80	Yes	NEW
46 W 240 V B22D	Any	HSGSB/C/UB-46-240-B22D	67.0 mm	0.80	Yes	NEW
46 W 240 V E14	Any	HSGSB/C/UB-46-240-E14	67.0 mm	0.80	Yes	NEW

¹⁾ At 1 s on / 1 s off

Application advice

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

References / Links

For an extended range for non-EU countries see

▶ www.osram.com

Disclaimer

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