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## ECO PRO CL P 20 W 230 V E14

HALOGEN ECO PRO CLASSIC P | Halogen lamps, classic mini-ball shape



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### Areas of application

- General illumination
- Mood lighting
- Entrance lighting
- Mirror lighting

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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 ( $R_a: 100$ )



HALOGEN  
ECO

# Product datasheet

## Technical data

### Electrical data

Nominal wattage	20.00 W
Nominal voltage	230 V
Rated wattage	20.00 W
Claimed equiv. conventional lamp power	25 W
Power factor $\lambda$	1.00

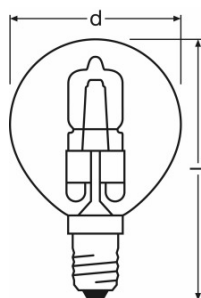
### Photometrical data

Nominal luminous flux	235 lm
Color temperature	2700 K
Light color as per EN 12464-1	Warm White
Rated luminous flux	235 lm
Color rendering index Ra	100
Lumen main.fact.at end of nom.life time	0.80

### Light technical data

Starting time	0.0 s
Warm-up time (60 %)	0.00 s

### Dimensions & weight



Diameter	45.0 mm
Overall length	77.0 mm
Length	77.0 mm
Light center length (LCL)	60.0 mm
Outer bulb	P45

### Lifespan

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Nominal lamp life time	2000 h
Rated lamp life time	2000 h
Number of switching cycles	50000 <sup>1)</sup>

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

### Additional product data

Base (standard designation)	E14
Lamp mercury content	0.0 mg
Mercury-free	Yes

### Capabilities

Burning position	Any
Dimmable	Yes

### Certificates & standards

Energy efficiency class	D
Energy consumption	20 kWh/1000h

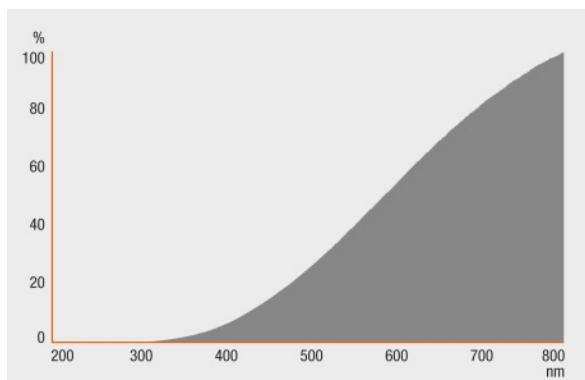
### Country specific categorizations

ILCOS	HSGSP/C/UB-20-230-E14-60
Order reference	64541 P PRO 20W

### Light Distribution

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### Spectral power distribution

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4008321998231	ECO PRO CL P 20 W 230 V E14	Shipping carton box 20	193 mm x 85 mm x 235 mm	3.86 dm <sup>3</sup>	562.00 g

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.