

# PRODUCT DATASHEET

## HAL CL P 20 W 230 V E14

HALOGEN 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)

**TECHNICAL DATA**

Electrical data

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

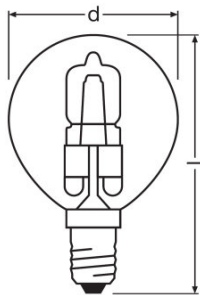
Photometrical data

Nominal luminous flux	235 lm
Rated color temperature	2700 K
Light color (designation)	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
Maximum diameter	46.0 mm

Lifespan

<b>Nominal lamp life time</b>	2000 h
<b>Rated lamp life time</b>	2000 h
<b>Number of switching cycles</b>	50000

Additional product data

<b>Base (standard designation)</b>	E14
<b>Mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes

Capabilities

<b>Burning position</b>	Any
<b>Dimmable</b>	Yes

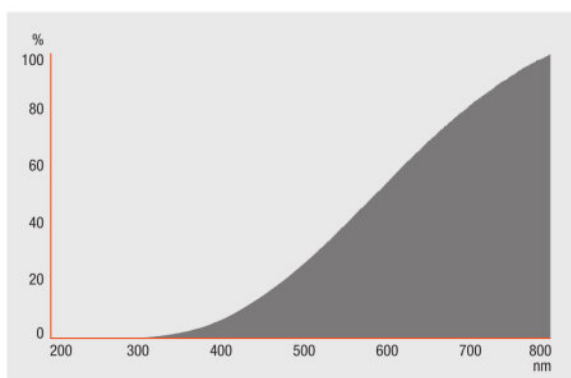
Certificates & standards

<b>Energy efficiency class</b>	D
<b>Energy consumption</b>	20 kWh/1000h

Country-specific categorizations

<b>ILCOS</b>	HSGSP/C/UB-20-230-E14-60
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Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321927446	HAL CL P 20 W 230 V E14	Shipping carton box 20	235 mm x 85 mm x 193 mm	3.86 dm <sup>3</sup>	562.00 g
4008321928672	HAL CL P 20 W 230 V E14	Shipping carton box 10	314 mm x 155 mm x 150 mm	7.30 dm <sup>3</sup>	394.93 g
4052899159730	HAL CL P 20 W 230 V E14	Shipping carton box 20	376 mm x 136 mm x 150 mm	7.67 dm <sup>3</sup>	541.00 g
4052899170537	HAL CL P 20 W 230 V E14	Shipping carton box 40	235 mm x 170 mm x 163 mm	6.51 dm <sup>3</sup>	977.00 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.