



Philips Tornado
Spiral energy saving bulb

20 W (97 W)

Normal cap Cool daylight

871016321189310



Powerful

High performance and small in size

The Tornado is Philips' latest and most powerful energy saving lamp. This brilliant little energy saver is super compact, has more light and saves up to 85% energy. And the beauty is, it will fit almost any luminair in your home!

Better focus during your activities

- Very high light output

Long-lasting

- Up to 12 years' lifetime

PHILIPS
sense and simplicity

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Specifications

Technical specifications

- Starting time: 0.2 s
- Power factor: 0.6
- Mercury content: 1.5 mg
- Lifetime of lamp: 8 year(s)
- Rated lifetime: 8 year(s)
- Rated power: 20 W
- Wattage: 20 W
- Lamp dimension (width): 62 mm
- Colour rendering index (CRI): 82
- Wattage equivalent: 97 W
- Lamp dimension (height): 114 mm
- Lamp current: 150 mA
- Lumen: 1350
- Rated luminous flux: 1350 lm
- Colour temperature: 2700 K
- Number of switch cycles: 5000
- Lifetime of lamp: 8000 hour(s)

- Rated lifetime: 8000 hour(s)
- Lumen maintenance factor: 0.7 (at the end of the nominal lifetime) %
- Voltage: 220-240 V
- Warm up time 60% light output: 5–30 s
- Energy efficiency label: A
- Fitting/Cap: E27
- Dimmable: No
- Shape: Spiral
- Colour: Warm White
- Light effect/finish: White
- Wattage standard bulb: 97 W

Cleaning up breakages and disposal

- Cleaning: Follow the advice for proper clean up*
- Disposal: Follow the instruction for disposal as special waste**

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Highlights

Very high light output

The light output of these Philips lamps is higher than most standard energy saving lamps. It gives you the right amount of light you need for activities, such as reading your favourite book or helping your kids with their homework.

Up to 12 years' lifetime

Modern technologies have a longer lifespan than standard bulbs. With a 12 year lifespan, one Philips energy saving lamp replaces 12 standard bulbs. So they save money and last longer, year after year. The lifespan is based on the average usage of 2.7 hrs per day or 1.000 hrs a year. This average is influenced by usage during different seasons (dark winter vs light summer), the weather conditions (sunny vs rainy dark day) and on the room where the lamp is used (short usage in bathroom vs long usage in living room).



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* Breaking a lamp is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a closed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

** * Compact fluorescent lamps have to be treated as special waste, they must be taken to your local waste facilities for recycling. The European Lighting Industry has set up an infrastructure, capable of recycling mercury, other metals, glass etc.