



# TORNADO

## TORNADO 20W WW B22 220-240V 1CT/4x6

The Helix range is a twist-shape compact fluorescent lamp, with optimal light distribution. It is available in 11W, 15W, 20W and 23W (25W), with lumen equivalence of 60W, 75W, 100W and 125W incandescent light bulb. It is also available in two color temperatures: warm white (2700K) and cool daylight (6500K). It is available in both 220-240V and 120-127V and able to operate under a wide voltage range (Power supply fluctuation). It consumes up to 80% less energy than the incandescent light bulb and lasts for 3 years.

### Warnings and Safety

- 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.

### Product data

General Information		Operating and Electrical	
Cap-Base	B22 [B22]	Correlated Color Temperature (Nom)	2700 K
Nominal lifetime	8,000 hour(s)	Luminous Efficacy (rated) (Nom)	67 lm/W
Switching Cycle	5,000	Color rendering index (CRI)	82
Rated Lifetime (Hours)	8,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Lighting Technology	Compact Fluorescent Integrated	Line Frequency	50 or 60 Hz
Light Technical		Input Frequency	50 or 60 Hz
Color Code	827 [CCT of 2700K]	Power Consumption	20 W
Luminous Flux	1,350 lm	Lamp Current (Nom)	145 mA
Color Designation	Warm White (WW)	Power Factor (Fraction)	0.6
Chromaticity Coordinate X (Nom)	463	Voltage (Nom)	220-240 V
Chromaticity Coordinate Y (Nom)	420		

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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Bulb Shape	Spiral
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## Approval and Application

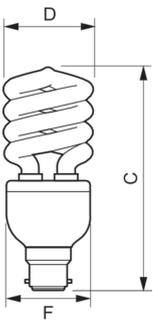
Energy Consumption kWh/1000 h	20 kWh
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## Product Data

Order product name	TORNADO 20W WW B22 220-240V 1CT/4x6
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Full product name	TORNADO 20W WW B22 220-240V 1CT/4x6
Full product code	871869641927401
Order code	929689427517
Material Nr. (12NC)	929689427517
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696419274
Numerator - Packs per outer box	24
EAN/UPC - Case	8718696467657

## Dimensional drawing



Product	D (max)	C (max)	F (max)
TORNADO 20W WW B22 220-240V 1CT/4x6	54.0 mm	133.5 mm	48.4 mm

