



TORNADO

TORNADO 23W WW B22 220-240V 1CT/12

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		Correlated Color Temperature (Nom)	
Cap-Base	B22 [B22]	2700 K	
Nominal lifetime	8,000 hour(s)	Luminous Efficacy (rated) (Nom)	
Switching Cycle	5,000	67 lm/W	
Rated Lifetime (Hours)	8,000 hour(s)	Color rendering index (CRI)	
Lighting Technology	Compact Fluorescent Integrated	82	
Light Technical		LLMF At End Of Nominal Lifetime (Nom)	
Color Code	827 [CCT of 2700K]	70 %	
Luminous Flux	1,550 lm	Operating and Electrical	
Color Designation	Warm White (WW)	Line Frequency	50 or 60 Hz
Chromaticity Coordinate X (Nom)	463	Input Frequency	50 or 60 Hz
Chromaticity Coordinate Y (Nom)	420	Power Consumption	23 W
		Lamp Current (Nom)	170 mA
		Starting Time (Nom)	0.3 s
		Power Factor (Fraction)	0.6

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Voltage (Nom)	220-240 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	Spiral
Approval and Application	
Mercury (Hg) Content (Nom)	2 mg
Energy Consumption kWh/1000 h	23 kWh

Product Data	
Order product name	TORNADO 23W WW B22 220-240V 1CT/12
Full product name	TORNADO 23W WW B22 220-240V 1CT/12
Full product code	871829120030700
Order code	929689858503
Material Nr. (12NC)	929689858503
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291200307
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291200314

Dimensional drawing

Product	D (max)	C (max)	F (max)
TORNADO 23W WW B22 220-240V 1CT/12	61.5 mm	117 mm	50.5 mm

