



# TORNADO

## TORNADO 12W 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.
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### Product data

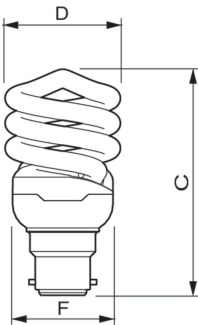
General Information			
Cap-Base	B22 [B22]	Luminous Flux	741 lm
Nominal lifetime	8,000 hour(s)	Color Designation	Warm White (WW)
Switching Cycle	5,000	Chromaticity Coordinate X (Nom)	463
Rated Lifetime (Hours)	8,000 hour(s)	Chromaticity Coordinate Y (Nom)	420
Lighting Technology	Compact Fluorescent Integrated	Correlated Color Temperature (Nom)	2700 K
Light Technical		Luminous Efficacy (rated) (Nom)	61 lm/W
Color Code	827 [CCT of 2700K]	Color rendering index (CRI)	82
		LLMF At End Of Nominal Lifetime (Nom)	70 %

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Operating and Electrical	
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	12 W
Lamp Current (Nom)	90 mA
Starting Time (Nom)	0.3 s
Power Factor (Fraction)	0.6
Voltage (Nom)	220-240 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	Spiral
Approval and Application	
Mercury (Hg) Content (Nom)	1.5 mg

Energy Consumption kWh/1000 h	12 kWh
Product Data	
Order product name	TORNADO 12W WW B22 220-240V 1CT/12
Full product name	TORNADO 12W WW B22 220-240V 1CT/12
Full product code	871829173133700
Order code	929689888599
Material Nr. (12NC)	929689888599
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291731337
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291731344

Dimensional drawing



Product	D (max)	C (max)	F (max)
TORNADO 12W WW B22 220-240V 1CT/12	47.5 mm	92.5 mm	40.5 mm

