



# TORNADO

## TORNADO 24W WW E27 220-240V 1PF/6

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

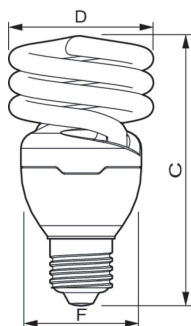
General Information		Correlated Color Temperature (Nom)	
Cap-Base	E27 [E27]	2700 K	
Nominal lifetime	8,000 h	Luminous Efficacy (rated) (Nom)	
Switching Cycle	5,000	67 lm/W	
Rated Lifetime (Hours)	8,000 h	Color rendering index (CRI)	
Lighting Technology	Compact Fluorescent Integrated	82	
		LLMF At End Of Nominal Lifetime (Nom)	
		70 %	
Light Technical		Operating and Electrical	
Color Code	827 [CCT of 2700K]	Line Frequency	
Luminous Flux	1,550 lm	50 or 60 Hz	
Color Designation	Warm White (WW)	Input Frequency	
Chromaticity Coordinate X (Nom)	463	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	

## TORNADO

Voltage (Nom)	220-240 V
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb Shape	Spiral
<b>Approval and Application</b>	
Mercury (Hg) Content (Nom)	2 mg
Energy Consumption kWh/1000 h	23 kWh
<b>Product Data</b>	
Order product name	TORNADO 24W WW E27 220-240V 1PF/6

Full product name	TORNADO 24W WW E27 220-240V 1PF/6
Full product code	871829113819800
Local code description	TND24WWWES
Order code	929689848506
Material Nr. (12NC)	929689848506
Local order code	TND24WWWES
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291138198
Numerator - Packs per outer box	6
EAN/UPC - Case	8718291138204

### Dimensional drawing



Product	D (max)	C (max)	F (max)
TORNADO 24W WW E27 220-240V 1PF/6	61.5 mm	118.5 mm	50.5 mm

