



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.

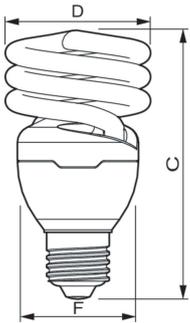
Product data

General Information		Operating and Electrical	
Cap-Base	E27 [E27]	Correlated Color Temperature (Nom)	2700 K
Nominal lifetime	8,000 h	Luminous Efficacy (rated) (Nom)	67 lm/W
Switching Cycle	5,000	Color rendering index (CRI)	82
Rated Lifetime (Hours)	8,000 h	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	23 W
Luminous Flux	1,550 lm	Lamp Current (Nom)	170 mA
Color Designation	Warm White (WW)	Starting Time (Nom)	0.3 s
Chromaticity Coordinate X (Nom)	463	Power Factor (Fraction)	0.6
Chromaticity Coordinate Y (Nom)	420		

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Voltage (Nom)	220-240 V	Full product name	TORNADO 24W WW E27 220-240V 1PF/6
Controls and Dimming		Full product code	871829113819800
Dimmable	No	Local code description	TND24WWWES
Mechanical and Housing		Order code	929689848506
Bulb Shape	Spiral	Material Nr. (12NC)	929689848506
Approval and Application		Local order code	TND24WWWES
Mercury (Hg) Content (Nom)	2 mg	Numerator - Quantity Per Pack	1
Energy Consumption kWh/1000 h	23 kWh	EAN/UPC - Product/Case	8718291138198
Product Data		Numerator - Packs per outer box	6
Order product name	TORNADO 24W WW E27 220-240V 1PF/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

