



TORNADO

TORNADO 12W WW E27 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

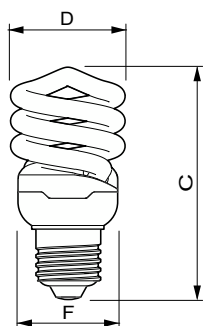
General Information		Operating and Electrical	
Cap-Base	E27 [E27]	Correlated Color Temperature (Nom)	2700 K
Nominal lifetime	8,000 hour(s)	Luminous Efficacy (rated) (Nom)	61 lm/W
Switching Cycle	5,000	Color rendering index (CRI)	82
Rated Lifetime (Hours)	8,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Lighting Technology	Compact Fluorescent Integrated		
Light Technical			
Color Code	827 [CCT of 2700K]	Line Frequency	50 or 60 Hz
Luminous Flux	741 lm	Input Frequency	50 or 60 Hz
Color Designation	Warm White (WW)	Power Consumption	12 W
Chromaticity Coordinate X (Nom)	463	Lamp Current (Nom)	90 mA
Chromaticity Coordinate Y (Nom)	420	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)	1.5 mg
Energy Consumption kWh/1000 h	12 kWh

Product Data	
Order product name	TORNADO 12W WW E27 220-240V 1CT/12
Full product name	TORNADO 12W WW E27 220-240V 1CT/12
Full product code	871829173121400
Order code	929689868599
Material Nr. (12NC)	929689868599
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291731214
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291731221

Dimensional drawing



Product	D (max)	C (max)	F (max)
TORNADO 12W WW E27 220-240V 1CT/12	47.5 mm	94.0 mm	40.5 mm

