



# TORNADO

## TORNADO 12W CDL 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		Correlated Color Temperature (Nom)	
Cap-Base	E27 [E27]	6500 K	
Nominal lifetime	8,000 hour(s)	Luminous Efficacy (rated) (Nom)	
Switching Cycle	5,000	58 lm/W	
Rated Lifetime (Hours)	8,000 hour(s)	Color rendering index (CRI)	
Lighting Technology	Compact Fluorescent Integrated	80	
Light Technical		LLMF At End Of Nominal Lifetime (Nom)	
Color Code	865 [CCT of 6500K]	70 %	
Luminous Flux	700 lm	Operating and Electrical	
Color Designation	Cool Daylight	Line Frequency	
Chromaticity Coordinate X (Nom)	313	50 or 60 Hz	
Chromaticity Coordinate Y (Nom)	337	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	

# 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)	1.5 mg
Energy Consumption kWh/1000 h	12 kWh

## Dimensional drawing

<b>Product Data</b>	
Order product name	TORNADO 12W CDL E27 220-240V 1CT/12
Full product name	TORNADO 12W CDL E27 220-240V 1CT/12
Full product code	871829173123800
Order code	929689868699
Material Nr. (12NC)	929689868699
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291731238
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291731245

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

