



# TORNADO

## TORNADO 20W CDL B22 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

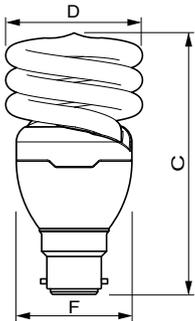
General Information		Operating and Electrical	
Cap-Base	B22 [B22]	Correlated Color Temperature (Nom)	6500 K
Nominal lifetime	8,000 h	Luminous Efficacy (rated) (Nom)	61 lm/W
Switching Cycle	5,000	Color rendering index (CRI)	80
Rated Lifetime (Hours)	8,000 h	LLMF At End Of Nominal Lifetime (Nom)	70 %
Lighting Technology	Compact Fluorescent Integrated	Line Frequency	50 or 60 Hz
Light Technical		Input Frequency	50 or 60 Hz
Color Code	865 [CCT of 6500K]	Power Consumption	20 W
Luminous Flux	1,200 lm	Lamp Current (Nom)	150 mA
Color Designation	Cool Daylight	Starting Time (Nom)	0.3 s
Chromaticity Coordinate X (Nom)	313	Power Factor (Fraction)	0.6
Chromaticity Coordinate Y (Nom)	337		

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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	20 kWh
<b>Product Data</b>	
Order product name	TORNADO 20W CDL B22 220-240V 1PF/6

Full product name	TORNADO 20W CDL B22 220-240V 1PF/6
Full product code	871829113809900
Local code description	TND20WCDLBC
Order code	929689858402
Material Nr. (12NC)	929689858402
Local order code	TND20WCDLBC
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291138099
Numerator - Packs per outer box	6
EAN/UPC - Case	8718291138105

## Dimensional drawing



Product	D (max)	C (max)	F (max)
TORNADO 20W CDL B22 220-240V 1PF/6	56.5 mm	110.0 mm	47 mm

