



# TORNADO

## TORNADO 23W 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.
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### Product data

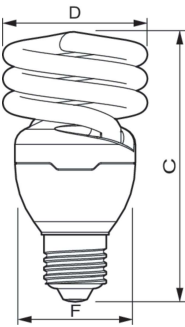
General Information			
Cap-Base	E27 [E27]	Luminous Flux	1,450 lm
Nominal lifetime	8,000 hour(s)	Color Designation	Cool Daylight
Switching Cycle	5,000	Chromaticity Coordinate X (Nom)	313
Rated Lifetime (Hours)	8,000 hour(s)	Chromaticity Coordinate Y (Nom)	337
Lighting Technology	Compact Fluorescent Integrated	Correlated Color Temperature (Nom)	6500 K
Light Technical		Luminous Efficacy (rated) (Nom)	63 lm/W
Color Code	865 [CCT of 6500K]	Color rendering index (CRI)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %

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Operating and Electrical	
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	23 W
Lamp Current (Nom)	170 mA
Starting Time (Nom)	0.3 s
Power Factor (Fraction)	0.6
Voltage (Nom)	220-240 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	Spiral
Approval and Application	
Mercury (Hg) Content (Nom)	2 mg

Energy Consumption kWh/1000 h	23 kWh
Product Data	
Order product name	TORNADO 23W CDL E27 220-240V 1CT/12
Full product name	TORNADO 23W CDL E27 220-240V 1CT/12
Full product code	871829120053600
Order code	929689848606
Material Nr. (12NC)	929689848606
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291200536
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291200543

Dimensional drawing



Product	D (max)	C (max)	F (max)
TORNADO 23W CDL E27 220-240V 1CT/12	61.5 mm	118.5 mm	50.5 mm

