



# 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.

### Product data

General Information		Operating and Electrical	
Cap-Base	E27 [ E27]	Input Frequency	50 or 60 Hz
Nominal Lifetime (Nom)	8000 h	Power (Nom)	23 W
Switching Cycle	5000X	Lamp Current (Nom)	170 mA
Light Technical		Starting Time (Nom)	0.3 s
Color Code	827 [ CCT of 2700K]	Warm Up Time to 60% Light (Min)	5 s
Luminous Flux (Nom)	1550 lm	Warm Up Time to 60% Light (Max)	60 s
Luminous Flux (Rated) (Nom)	1550 lm	Power Factor (Nom)	0.6
Color Designation	Warm White (WW)	Voltage (Nom)	220-240 V
Lumen Maintenance 2000 h (Nom)	85 %	Controls and Dimming	
Lumen Maintenance 5000 h (Nom)	75 %	Dimmable	No
Chromaticity Coordinate X (Nom)	463	Approval and Application	
Chromaticity Coordinate Y (Nom)	420	Energy Efficiency Label (EEL)	A
Correlated Color Temperature (Nom)	2700 K	Mercury (Hg) Content (Nom)	2 mg
Luminous Efficacy (rated) (Nom)	67 lm/W	Energy Consumption kWh/1000 h	23 kWh
Color Rendering Index (Nom)	82	Product Data	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Full product code	871829113819800

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Order product name	TORNADO 24W WW E27 220-240V 1PF/6
EAN/UPC - Product	8718291138198
Order code	929689848506
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6

Material Nr. (12NC)	929689848506
Net Weight (Piece)	0.077 kg

### Warnings and Safety

### 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

QSPIR-F 23W/827 E27 220-240V 50/60Hz

