PHILIPS Lighting



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.
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Product data

ral Information		Luminous Flux	741 lm
ap-Base	E27 [E27]	Color Designation	Warm White (WW)
Iominal lifetime	8,000 hour(s)	Chromaticity Coordinate X (Nom)	463
Switching Cycle	5,000	Chromaticity Coordinate Y (Nom)	420
Rated Lifetime (Hours)	8,000 hour(s)	Correlated Color Temperature (Nom)	2700 K
ighting Technology	Compact Fluorescent Integrated	Luminous Efficacy (rated) (Nom)	61 lm/W
		Color rendering index (CRI)	82
Light Technical		LLMF At End Of Nominal Lifetime (Nom)	70 %
Color Code	827 [CCT of 2700K]		

TORNADO

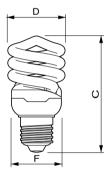
Operating and Electrical	
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	12 W
Lamp Current (Nom)	90 mA
Starting Time (Nom)	0.3 s
Power Factor (Fraction)	0.6
Voltage (Nom)	220-240 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	Spiral
Approval and Application	
Mercury (Hg) Content (Nom)	1.5 mg

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	

12 kWh

Energy Consumption kWh/1000 h

Dimensional drawing



TOPNARO 10W/WW/E07 000 040V/1CT/10 47/			
TORNADO 12W WW E27 220-240V 1CT/12 47.5	7.5 mm 94.0	0 mm 4	10.5 mm



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