PHILIPS Lighting



TORNADO

TORNADO 12W WW B22 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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- 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.
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Product data

ral Information		Luminous Flux	741 lm
ap-Base	B22 [B22]	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
Lighting 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

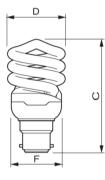
Operating and ElectricalLine Frequency50 or 60 HzInput Frequency50 or 60 HzPower Consumption12 WLamp Current (Nom)90 mAStarting Time (Nom)0.3 sPower Factor (Fraction)0.6Voltage (Nom)220-240 VControls and DimmingDimmableNoMechanical and HousingBulb ShapeSpiralApproval and Application1.5 mg		
Input Frequency 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 No	Operating and Electrical	
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 Dimmable No Mechanical and Housing Spiral Approval and Application Image: Control of the spiral of the spira	Line Frequency	50 or 60 Hz
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 Dimmable No Mechanical and Housing Bulb Shape Spiral Approval and Application	Input Frequency	50 or 60 Hz
Starting Time (Nom) 0.3 s Power Factor (Fraction) 0.6 Voltage (Nom) 220-240 V Controls and Dimming Dimmable Dimmable No Mechanical and Housing Bulb Shape Spiral	Power Consumption	12 W
Power Factor (Fraction) 0.6 Voltage (Nom) 220-240 V Controls and Dimming	Lamp Current (Nom)	90 mA
Voltage (Nom) 220-240 V Controls and Dimming	Starting Time (Nom)	0.3 s
Controls and Dimming Dimmable No Mechanical and Housing Bulb Shape Spiral Approval and Application	Power Factor (Fraction)	0.6
Dimmable No Mechanical and Housing Bulb Shape Spiral	Voltage (Nom)	220-240 V
Dimmable No Mechanical and Housing Bulb Shape Spiral		
Mechanical and Housing Bulb Shape Spiral Approval and Application	Controls and Dimming	
Bulb Shape Spiral Approval and Application	Dimmable	No
Bulb Shape Spiral Approval and Application		
Approval and Application	Mechanical and Housing	
	Bulb Shape	Spiral
Mercury (Hg) Content (Nom) 1.5 mg	Approval and Application	
	Mercury (Hg) Content (Nom)	1.5 mg

Product Data		
Order product name	TORNADO 12W WW B22 220-240V 1CT/12	
Full product name	TORNADO 12W WW B22 220-240V 1CT/12	
Full product code	871829173133700	
Order code	929689888599	
Material Nr. (12NC)	929689888599	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291731337	
Numerator - Packs per outer box	12	
EAN/UPC - Case	8718291731344	

12 kWh

Energy Consumption kWh/1000 h

Dimensional drawing



Product	D (max)	C (max)	F (max)
TORNADO 12W WW B22 220-240V 1CT/12	47.5 mm	92.5 mm	40.5 mm



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