



Spreadhead spiral shape energy saving products, preferred by over 90% of consumers

Tornado T2

Tornado has outstanding brightness which makes your colours appear more vivid. It fits everywhere due to its compact design. With comprehensive product range, it allows easy replacement of incandescent lamps all the way.

Benefits

- High performance in small size
- Saves up to 85% energy and saves money
- Lasts for a very long time

Features

- Very long lifetime

Application

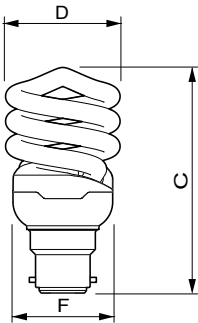
- Replacement of incandescent lamps in both professional and home applications (hotels, restaurants, shops)
- Decorative look; lamps can be used in places where they are directly visible, adding a decorative effect

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Versions



Dimensional drawing



Product	D (max)	C (max)	F (max)
TORNADO 12W CDL B22 220-240V 1PF/6	47.5 mm	92.5 mm	40.5 mm
TORNADO 12W WW B22 220-240V 1PF/6	47.5 mm	92.5 mm	40.5 mm

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Approval and Application	
Energy Consumption kWh/1000 h	12 kWh
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.5 mg
Controls and Dimming	
Dimmable	no
Operating and Electrical	
Lamp Current (Nom)	90 mA
Input Frequency	50 or 60 Hz
Voltage (Nom)	220-240 V
Wattage Equivalent	60 W
Power (Rated) (Nom)	12 W
Starting Time (Nom)	0.3 s
Warm Up Time To 60% Light (Max)	60 s
Warm Up Time To 60% Light (Min)	5 s
General Information	
Cap-Base	B22
Nominal Lifetime (Nom)	8000 h
Rated Lifetime (Hours)	8000 h
Switching Cycle	5000X
Light Technical	
Llmf At End Of Nominal Lifetime (Nom)	70 %
Lumen Maintenance 2000 h (Nom)	85 %
Lumen Maintenance 5000 h (Nom)	75 %
Mechanical and Housing	
Bulb Shape	Spiral

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity	Chromaticity	Colour Code	Colour Designation
		Coordinate X (Nom)	Coordinate Y (Nom)		
929689888501	TORNADO 12W WW B22 220-240V 1PF/6	463	420	827	Warm white (WW)
929689888601	TORNADO 12W CDL B22 220-240V 1PF/6	313	337	865	Cool Daylight

Light Technical (2/2)

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
929689888501	TORNADO 12W WW B22 220-240V 1PF/6	2700 K	82	61 lm/W	741 lm	741 lm
929689888601	TORNADO 12W CDL	6500 K	80	58 lm/W	700 lm	700 lm

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
	B22 220-240V 1PF/6					

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