



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

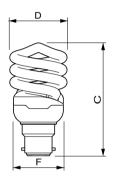
- Replacement of incandescent lamps in both professional and home applications (hotels, restaurants, shops)
- Decorative look; lamps can be used in places where they are directly visible, adding a decorative effect

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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)	А
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	70 %
(Nom)	
Lumen Maintenance 2000 h (Nom)	85 %
Lumen Maintenance 5000 h (Nom)	75 %
Mechanical and Housing	
Bulb Shape	Spiral

Light Technical (1/2)

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

Light Technical (2/2)

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

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

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