



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

Tornado T3

Tornado has outstanding brightness which makes your colors appear more Vivid. It allows easy replacement of high wattage of incandescent lamps.

Benefits

- Outstanding brightness & Vivid Colors
- Flicker-Free start & Fast run up
- Save your money with long life-time and high energy efficiency compare to incandescent lamp

Features

- Long-Life and Energy saving alternative to Incandescent lamps
- Fast Run-up
- Recommended ambient temperature range to ensure almost constant light output (>90%): 0 and + 50°C

Application

- Replacement of incandescent lamps in both professional and home applications
- Enclosed fixtures required for outdoor applications
- Not suitable for use with dimmers or electronic devices

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Warnings and Safety

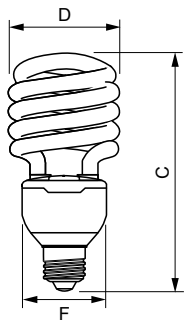
- Breaking a lamp is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a closed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- Compact 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.

Versions



32W T3 E27

Dimensional drawing



Product	C (max)	D (max)	F (max)
Tornado T3 32W WW E27 220-240V 1PF/6	152.5 mm	74 mm	61 mm
Tornado T3 32W CDL E27 220-240V 1PF/6	74 mm	152.5 mm	61 mm

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Approval and Application

Energy Consumption kWh/1000 h	32 kWh
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Max)	2.5 mg
Mercury (Hg) Content (Nom)	2 mg

Controls and Dimming

Dimmable	No
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Operating and Electrical

Lamp Current (Nom)	140 mA
Input Frequency	50 or 60 Hz
Voltage (Nom)	220-240 V
Power (Rated) (Nom)	32.0 W
Starting Time (Nom)	0.3 s
Warm Up Time To 60% Light (Max)	40 s
Warm Up Time To 60% Light (Min)	5 s

General Information

Cap-Base	E27
Rated Lifetime (Hours)	8000 h
Switching Cycle	8000X

Light Technical

Color Rendering Index (Nom)	80
Lumen Maintenance 2000 h (Nom)	88 %

Mechanical and Housing

Bulb Shape	Spiral
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General Information

Order Code	Full Product Name	Nominal Lifetime (Nom)
929689301301	Tornado T3 32W WW E27 220-240V 1PF/6	-
929689301404	Tornado T3 32W CDL E27 220-240V 1PF/6	8000 h

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Color Code	Color Designation
929689301301	Tornado T3 32W WW E27 220-240V 1PF/6	463	420	827	Warm White (WW)
929689301404	Tornado T3 32W CDL E27	313	337	865	Cool Daylight

Order Code	Full Product Name	Chromaticity		Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Color Code	Color Designation
	220-240V 1PF/6				

Light Technical (2/2)

Order Code	Full Product Name	Correlated Color		Luminous
		Temperature (Nom)	Luminous Flux (Nom)	Flux (Rated) (Nom)
929689301301	Tornado T3 32W WW E27 220-240V 1PF/6	2700 K	2255 lm	2255 lm
929689301404	Tornado T3 32W CDL E27 220-240V 1PF/6	6500 K	2160 lm	2160 lm

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