



# 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

## Tornado T3

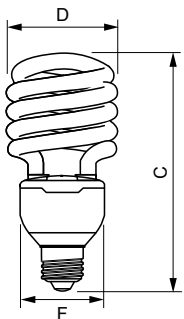
### Warnings and Safety

- 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



### 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	8,000X

## Light Technical

Colour 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)
87628400	Tornado T3 32W WW E27 220-240V 1PF/6	-
87630700	Tornado T3 32W CDL E27 220-240V 1PF/6	8000 h

## Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Colour Designation
87628400	Tornado T3 32W WW E27 220-240V 1PF/6	463	420	827	Warm White (WW)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Colour Designation
87630700	Tornado T3 32W CDL E27 220-240V 1PF/6	313	337	865	Cool Daylight

## Light Technical (2/2)

Order Code	Full Product Name	Correlated Colour		
		Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
87628400	Tornado T3 32W WW E27 220-240V 1PF/6	2700 K	2255 lm	2255 lm

Order Code	Full Product Name	Correlated Colour		
		Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
87630700	Tornado T3 32W CDL E27 220-240V 1PF/6	6500 K	2160 lm	2160 lm

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