



# Product Description

## Tornado T3

Energy-saving lamp in a decorative, spiral shape

### Benefits

- Decorative look; lamps can be used in places where they are directly visible, adding some decorative effect
- Very compact size and wide range allowing easy replacement of most GLS lamps from 25W up to 150W
- More than 80% energy saving effect compared with incandescent lamps of similar light output
- Fewer replacements & high energy efficiency ensure lower energy bills & lower total cost of ownership

### Features

- Spiral-shaped alternative to incandescent lamps
- More light from the same wattage & length compared to other CFL-I lamps
- Better light distribution compared with common 'stick' CFL-I lamps
- Average lifetime up to 8 times longer than an incandescent lamp
- European energy efficiency label A

### Application

- Replacement of incandescent lamps both in professional and home applications (hotels, restaurants, shops, individual)

### 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.

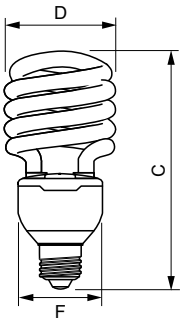
# Tornado T3

## 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 |
|----------|----|

## 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 |
|------------|--------|

## 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       |                    | Color      |                   |
|------------|--------------------------------------|--------------------|--------------------|------------|-------------------|
|            |                                      | Coordinate X (Nom) | Coordinate Y (Nom) | Color Code | Color Designation |
| 87628400   | Tornado T3 32W WW E27 220-240V 1PF/6 | 463                | 420                | 827        | Warm White (WW)   |

| Order Code | Full Product Name                     | Chromaticity       |                    | Color      |                   |
|------------|---------------------------------------|--------------------|--------------------|------------|-------------------|
|            |                                       | Coordinate X (Nom) | Coordinate Y (Nom) | Color Code | Color 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 Color  |                     |                             |
|------------|--------------------------------------|-------------------|---------------------|-----------------------------|
|            |                                      | 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 Color  |                     |                             |
|------------|---------------------------------------|-------------------|---------------------|-----------------------------|
|            |                                       | 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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