



# Tornado T2

Tornado T2 20W WW E27 220-240V 1PF

Tornado has outstanding brightness which makes your colors appear more Vivid. It starts instantly (except 5W) and fits everywhere due to its compact design. With comprehensive product range, it allows easy replacement of incandescent lamps all the way.

## Product data

### • General Characteristics

|                        |          |
|------------------------|----------|
| Cap-Base               | E27      |
| Bulb                   | Spiral   |
| Nominal Lifetime       | 10000 hr |
| Rated Lifetime (hours) | 10000 hr |
| Rated Lifetime (years) | 10 an    |

### • Light Technical Characteristics

|                             |                    |
|-----------------------------|--------------------|
| Color Code                  | 827 [CCT of 2700K] |
| Color Rendering Index       | 81 (min) Ra8       |
| Color Designation (text)    | Warm White         |
| Color Temperature           | 2700 K             |
| Color Temperature Technical | 2700 K             |
| Luminous flux lamp          | 1320 Lm            |
| Rated Luminous Flux         | 1320 Lm            |
| Luminous Efficacy Lamp      | 67 Lm/W            |
| Lumen Maintenance 2000h     | 88 %               |
| Lumen Maintenance 6000h     | 70 %               |
| LLMF - end nominal lifetime | 65 %               |
| Chromaticity Coordinate X   | 463 -              |
| Chromaticity Coordinate Y   | 420 -              |

### • Electrical Characteristics

|               |        |
|---------------|--------|
| Rated Wattage | 20.0 W |
|---------------|--------|

|                                |                     |
|--------------------------------|---------------------|
| Lamp Wattage                   | 20 W                |
| Power Factor                   | 0.6 -               |
| Voltage                        | 220-240 V           |
| Lamp Current mA                | 150 mA              |
| Line Frequency                 | 50/60 Hz            |
| Dimmable                       | No                  |
| Wattage Equivalent             | 95 W                |
| Starting Time                  | 0.3 s               |
| Warm-up Time to 60% Light Outp | 5 (min), 40 (max) s |

### • Environmental Characteristics

|                               |                         |
|-------------------------------|-------------------------|
| Energy Efficiency Label (EEL) | A                       |
| Mercury (Hg) Content          | 1.5 (nom), 2.0 (max) mg |
| Energy consumption kWh/1000h  | 20 kWh                  |

### • Measuring Conditions

|                 |        |
|-----------------|--------|
| Switching cycle | 10000X |
|-----------------|--------|

### • Product Dimensions

|                  |                |
|------------------|----------------|
| Overall Length C | 116.0 (max) mm |
| Diameter D       | 56.5 (max) mm  |
| Width F          | 47 (max) mm    |

### • Product Data

|                   |                                    |
|-------------------|------------------------------------|
| Order code        | 929689114901                       |
| Full product code | 929689114901                       |
| Full product name | Tornado T2 20W WW E27 220-240V 1PF |

**PHILIPS**

# Tornado T2

Order product name Tornado T2 20W WW E27  
220-240V 1PF/6  
Pieces per pack 1  
Packing configuration 6  
Packs per outerbox 6  
Bar code on pack -  
EAN1 8710163405179

Bar code on 8710163405186  
outerbox - EAN3  
Logistic code(s) - 929689114901  
12NC  
Net weight per piece 0.064 kg

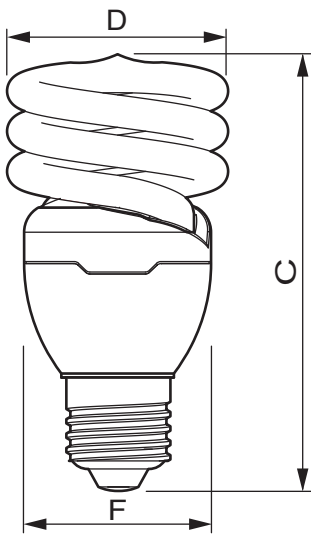
## Warnings and Safety

- 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.

## Dimensional drawing



E27

## Tornado T2 20W WW E27 220-240V 1PF

| Product                                  | C (Max) | D (Max) | F (Max) |
|--|---------|---------|---------|
| QSPIR-F Erp 20W/827 E27 220-240V 50/60Hz | 116.0   | 56.5    | 47      |



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data subject to change