



TORNADO

TORNADO 12W WW E27 220-240V 1CT/12

The Helix range is a twist-shape compact fluorescent lamp, with optimal light distribution. It is available in 11W, 15W, 20W and 23W (25W), with lumen equivalence of 60W, 75W, 100W and 125W incandescent light bulb. It is also available in two color temperatures: warm white (2700K) and cool daylight (6500K). It is available in both 220-240V and 120-127V and able to operate under a wide voltage range (Power supply fluctuation). It consumes up to 80% less energy than the incandescent light bulb and lasts for 3 years.

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.
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- 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.
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Product data

| General Information | | Luminous Flux | |
|------------------------|--------------------------------|---------------------------------------|-----------------|
| Cap-Base | E27 [E27] | Luminous Flux | 741 lm |
| Nominal lifetime | 8,000 hour(s) | Color Designation | Warm White (WW) |
| Switching Cycle | 5,000 | Chromaticity Coordinate X (Nom) | 463 |
| Rated Lifetime (Hours) | 8,000 hour(s) | Chromaticity Coordinate Y (Nom) | 420 |
| Lighting Technology | Compact Fluorescent Integrated | Correlated Color Temperature (Nom) | 2700 K |
| Light Technical | | Luminous Efficacy (rated) (Nom) | 61 lm/W |
| Color Code | 827 [CCT of 2700K] | Color rendering index (CRI) | 82 |
| | | LLMF At End Of Nominal Lifetime (Nom) | 70 % |

TORNADO

Operating and Electrical

| | |
|-------------------------|-------------|
| Line Frequency | 50 or 60 Hz |
| Input Frequency | 50 or 60 Hz |
| Power Consumption | 12 W |
| Lamp Current (Nom) | 90 mA |
| Starting Time (Nom) | 0.3 s |
| Power Factor (Fraction) | 0.6 |
| Voltage (Nom) | 220-240 V |

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|------------|--------|
| Bulb Shape | Spiral |
|------------|--------|

Approval and Application

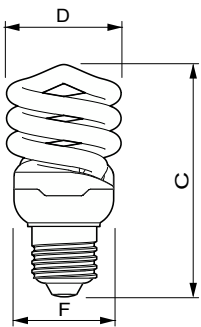
| | |
|----------------------------|--------|
| Mercury (Hg) Content (Nom) | 1.5 mg |
|----------------------------|--------|

| | |
|-------------------------------|--------|
| Energy Consumption kWh/1000 h | 12 kWh |
|-------------------------------|--------|

Product Data

| | |
|---------------------------------|------------------------------------|
| Order product name | TORNADO 12W WW E27 220-240V 1CT/12 |
| Full product name | TORNADO 12W WW E27 220-240V 1CT/12 |
| Full product code | 871829173121400 |
| Order code | 929689868599 |
| Material Nr. (12NC) | 929689868599 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291731214 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8718291731221 |

Dimensional drawing



| Product | D (max) | C (max) | F (max) |
|------------------------------------|---------|---------|---------|
| TORNADO 12W WW E27 220-240V 1CT/12 | 47.5 mm | 94.0 mm | 40.5 mm |

