



TORNADO

TORNADO 24W CDL B22 220-240V 1PF/6

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.
- 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.

Product data

| General Information | | Operating and Electrical | |
|--------------------------------------|-----------------------|--|-------------|
| Cap base | B22 [B22] | Chromaticity coordinate Y (nom.) | 337 |
| Nominal lifetime (nom.) | 8000 h | Colour Temperature, horizontal (Nom) | 6500 K |
| Switching cycle | 5,000X | Lamp Luminous Efficacy EM (Nom) | 63 lm/W |
| | | Colour Rendering Index, horiz (Nom) | 80 |
| | | LLMF at end of nominal lifetime (nom.) | 70 % |
| Light Technical | | | |
| Colour Code | 865 [CCT of 6,500 K] | Input frequency | 50 or 60 Hz |
| Lamp Luminous Flux 25°C EL (Nom) | 1450 lm | Power (Rated) (Nom) | 23 W |
| Lamp Luminous Flux (Nom) | 1450 lm | Lamp current (nom.) | 170 mA |
| Colour Designation | Cool Daylight | Starting time (nom.) | 0.3 s |
| Lumen maintenance 2,000 hours (nom.) | 85 % | Warm-up time to 60% light (min.) | 5 s |
| Lumen maintenance 5,000 hours (nom.) | 75 % | Warm-up time to 60% light (max.) | 60 s |
| Chromaticity coordinate X (nom.) | 313 | | |

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|------------------------------------|-----------|
| Power factor (nom.) | 0.6 |
| Voltage (Nom) | 220-240 V |
| Controls and Dimming | |
| Dimmable | No |
| Approval and Application | |
| Energy efficiency label (EEL) | A |
| Mercury (Hg) content (nom.) | 2 mg |
| Energy consumption kWh/1,000 hours | 23 kWh |

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|-----------------------------------|------------------------------------|
| Product Data | |
| Full product code | 871829113817400 |
| Order product name | TORNADO 24W CDL B22 220-240V 1PF/6 |
| EAN/UPC – product | 8718291138174 |
| Order code | 929689858602 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 6 |
| SAP material | 929689858602 |
| SAP net weight (piece) | 0.077 kg |

Dimensional drawing



| Product | D (max) | C (max) | F (max) |
|------------------------------------|---------|---------|---------|
| TORNADO 24W CDL B22 220-240V 1PF/6 | 61.5 mm | 117 mm | 50.5 mm |

QSPIR-F 23W/865 B22 220-240V 50/60Hz

