TORNADO

TORNADO 20W 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.
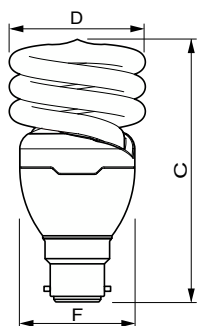
Product data

General Information

Cap-Base	B22 [B22]
Nominal lifetime	8,000 hour(s)
Switching Cycle	5,000
Rated Lifetime (Hours)	8,000 hour(s)
Lighting Technology	Compact Fluorescent Integrated

Light Technical

Color Code	865 [CCT of 6500K]
Luminous Flux	1,200 lm
Color Designation	Cool Daylight
Chromaticity Coordinate X (Nom)	313
Chromaticity Coordinate Y (Nom)	337

Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	61 lm/W
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	20 W
Lamp Current (Nom)	150 mA
Starting Time (Nom)	0.3 s
Power Factor (Fraction)	0.6

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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	20 kWh

Product Data

Order product name	TORNADO 20W CDL B22 220-240V 1PF/6
Full product name	TORNADO 20W CDL B22 220-240V 1PF/6
Full product code	871829113809900
Order code	929689858402
Material Nr. (12NC)	929689858402
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718291138099
Numerator – Packs per outer box	6
EAN/UPC – Case	8718291138105

Dimensional drawing

Product	D (max)	C (max)	F (max)
TORNADO 20W CDL B22 220-240V 1PF/6	56.5 mm	110.0 mm	47 mm